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POSOLOGY
AND
PRESCRIPTIONS

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BOOK OF

Veterinary Posology

AND

PRESCRIPTIONS

BY

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COLUMBUS, OHIO
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PREFACE.

This book has been prepared as a ready reference to be used by the student during the course in materia medica and pharmacy. The metric system is used thro-out the book, but there is included a table of equivalents which would make it easy to be converted into the other system. It is hoped that the information contained in this book will be of assistance not only to the student but also to the practitioner as well.

January 1, 1909. O. V. B.

WEIGHTS AND MEASURES.

TROY OR APOTHECARIES' WEIGHTS.

20 grains make 1 scruple.
3 scruples make 1 drachm.
8 drachms make 1 ounce.
12 ounces make 1 pound.

APOTHECARIES' MEASURE.

60 minims make 1 fluid drachm.
8 fluid drachms make 1 fluid ounce.
16 fluid ounces make 1 pint.
8 pints make 1 gallon.

METRIC SYSTEM.

METRIC TABLE OF LENGTHS.

10 Millimeters make 1 Centimeter.
10 Centimeters make 1 Decimeter.
10 Decimeters make 1 Meter.
10 Meters make 1 Dekameter.
10 Dekameters make 1 Hectometer.
10 Hectometers make 1 Kilometer.
10 Kilometers make 1 Myriameter.

METRIC TABLE OF CAPACITIES.

10 Milliters make 1 Centiliter.
10 Centiliters make 1 Deciliter.
10 Deciliters make 1 Liter.
10 Liters make 1 Dekaliter.
10 Dekaliters make 1 Hectoliter.
10 Hectoliters make 1 Kiloliter.
10 Kiloliters make 1 Myrialiter.

METRIC TABLE OF WEIGHT.

10 Milligrams make 1 Centigramme.
10 Centigrammes make 1 Decigramme.
10 Decigrammes make 1 Gramme.
10 Dekagrammes make 1 Hectogramme.
10 Hectogrammes make 1 Kilogramme.
10 Kilogrammes make 1 Myriagramme.

EQUIVALENTS OF APOTHECARIES IN METRIC MEASURES.

Minims.	Cubic Centimeters.
1	0.061
2	0.123
3	0.185
4	0.246
5	0.308
6	0.370
7	0.431
8	0.493
9	0.554
10	0.616
11	0.678
12	0.739
13	0.801
14	0.863
15	0.924
16	1.00
17	1.06
18	1.12
20	1.23
30	1.84
40	2.46
50	3.08

Fluid Drachms	Cubic Centimeters.
1	3.7
2	7.39
3	11.09
4	15.00
5	18.50
6	22.50
7	26.00

Fluid Ounces.	Cubic Centimeters.
1	29.57
2	59.14
3	89.00
4	118.29

Fluid Ounces.	Cubic Centimeters.
5	148.00
6	177.42
7	207.00
8	236.59
9	266.16
10	295.73
12	355.00
16	473.17
20	591.50
24	710.00
32	946.35
128	3785.43

EQUIVALENTS OF APOTHECARIES IN METRIC WEIGHTS.

Grain.	Gramme.
1-1000	.000065
1-500	.000129
1-250	.000258
1-200	.000324
1-150	.00043
1-120	.00054
1-100	.00064
1-75	.00086
1-60	.00108
1-50	.00129
1-40	.00162
1-30	.00216
1-25	.00259
1-20	.00324
1-12	.00540
1-10	.00649
1-8	.0081
1-6	.0108
1-5	.0129
1-4	.0162
1-3	.0216
1-2	.0324

Grains.	Grammes.
1	.0648
2	.1296
3	.1944
4	.2592
5	.3240
6	.3888
7	.4536
8	.5184
9	.5832
10	.6480
11	.7128
12	.7776
13	.8424
14	.9072
15	.9720
20	1.2960
25	1.6200
30	1.9440
35	2.2680
40	2.2920
45	2.9160
50	3.2400
55	3.5640
59	3.8232

Drachms.	Grammes.
1	3.88
2	7.776
3	11.664
4	15.552
5	19.440
6	23.328
7	27.216

Ounce.	Grammes
1	31.103
2	62.207
3	93.310
4	124.414

Ounces.	Grammes.
5	155.517
6	186.631
7	217.724
8	248.828
9	279.930
10	311.035
11	342.138
12	373.242
14	435.449
16	497.656
20	622.070
24	746.484
32	995.312
48	1492.968
64	1990.624
100	3110.350

From a practical standpoint the following approximate equivalents may be made:

1 gramme—15.4 grains.
1 decigramme—1.5 grains
1 centigramme—0.15 grain.
1 milligramme—0.015 grain.
1 kilogramme—15.432 grains or about 2.2 lbs
1 cubic centimeter—16 minims.
4 cubic centimeters—1 fluid drachm.
16 cubic centimeters—4 fluid drachms.
32 cubic centimeters—1 fluid ounce.
500 cubic centimeters—16.9 fluid ounces.
1000 cubic centimeters—33.3 fluid ounces.
Teaspoonful—1 fluid drachm.
Dessertspoonful—2 fluid drachms.
Tablespoonful—4 fluid drachms.
Wineglassful—2 fluid ounces.
Teacupful—4 fluid ounces.
Tumblerful—8 fluid ounces.

TO MAKE SOLUTIONS OF VARIOUS STRENGTHS.

For ordinary use, dissolve the amount of the drug in one-half liter (500 c. c.) of water.

1-100 per cent., use	.0486
1-50 per cent., use	.0972
1-30 per cent., use	.1620
1-20 per cent., use	.2349
1-15 per cent., use	.2851
1-10 per cent., use	.4730
1-5 per cent., use	.9460
1-4 per cent., use	1.2626
1-2 per cent., use	2.525
1 per cent., use	5.050
2 per cent., use	10.10
3 per cent., use	15.15
4 per cent., use	20.20
5 per cent., use	25.25
10 per cent., use	50.50
20 per cent. use	101.00
50 per cent., use	252.50

TABLE OF SOLUBILITY OF SOME OF THE MOST IMPORTANT DRUGS.

	Water	Alcohol
Acetanilide	200.	Insoluble
Acidum boricum	25.	15.
Acidum carbolicum	15.	Readily
Acidum hydrochlor.	Freely miscible	Freely miscible
Acidum lacticum	Freely miscible	Freely miscible
Acidum phosphor.	Freely miscible	Freely miscible
Acidum saicylicum	450.	2.4
Acidum sulphuricum	Freely miscible	Freely miscible
Acidum tannicum	1.00	0.6
Acidum tartaricum	0.80	2.5
Aether	10.00	Freely miscible
Aloinum	60.00	30.00
Alumen	9.00	Insoluble

Ammonii bromidum.	1.50	30.00
Ammonii carbonas..	5.00	Partly soluble
Ammonii chloridum.	3.00	Insoluble
Ammonii et potassi tar	17.00	Insoluble
Apomorphine hydrochlor	45.00	45.00
Argenti nitras	Insoluble	Insoluble
Atropina	0.6	26.00
Atropine sulphas	130.00	3.00
Barium chlorid	0.4	0.00
Bismuthi subcarbon.	2.5	Almost insoluble
Bismuthi subnitras..	Insoluble	Insoluble
Calcii chloridum	1.5	8.00
Calcii sulphas	410.00	Insoluble
Camphora	Very sparingly	Readily
Chloral	0.8	0.8
Chloroformum	Sparingly	Readily
Cinchonina	3760.	116.00
Cinchonine sulphas.	66.	10.00
Cocaine hydrochloras	4.	3.50
Codeina	80.	3.00
Creolin	Insoluble	Readily
Creosotum	150.	Readily
Cupri sulphas	2.6	Almost insoluble
Eucalyptol	Sparingly	Readily
Ferri Arsenas	Insoluble	Insoluble
Ferri chloridum	Readily	Readily
Ferri sulphas	1.8	Insoluble
Glycerinum	Readily	Readily
Hydrargyrum chlor. corrosivum.	16.	3.00
Hydrargyrum chlor. mite	Insoluble	Insoluble
Hydrargyrum Iodidum rubrum..	Insoluble	130.00
Hyoscyamine sulphas	0.5	2.5
Ichthyol	Readily	Partially

Iodoformum	Very slight		100.
Iodum	5000.		10.00
Magnesii sulphas	1.5	Almost soluble	
Menthol	Sparingly		Readily
Morphine	4350.		300.00
Morphine sulphas	21.		702.00
Napthol			
Pepsinum sac	Readily		Insoluble
Phenacetin	Sparingly		16.
Physostigmine salicylas	150.		12.
Physostigmine hydrochloras	Readily		Readily
Pilocarpine hydrochloras	Readily		Readily
Plumbi acetas	2.3		21.
Potassi bicarbonas	3.2	Almost insoluble	
Potassi bromidum	1.6		200.
Potassi chloras	16.7		Insoluble
Potassi iodidum	.75		18.
Potassi nitras	3.8		Sparingly
Potassi perman	16.		
Pyoktanin	75.		Readily
Quinine sulphas	740.		65.
Salol	Sparingly		10.
Santoninum	Sparingly		40.
Sodii bicarbonas	11.3		Insoluble
Sodii boras	16.		Insoluble
Sodii bromidum	1.2		13.
Sodii hyposulphas	.65		Insoluble
Sodii phosphas	5.8		Insoluble
Sodii sulphas	2.8		Insoluble
Strychnine sulphas	50.		109.
Sulphur precipitatum	Insoluble		Insoluble
Thymol	1200.	Very slight	
Zinci acetas	2.7		36.
Zinci chloridum	0.3		Readily
Zinci oxidum	Insoluble		Insoluble
Zinci sulphas	0.6		Insoluble

DELIQUESCENT SALTS OR SUBSTANCES.

Acidum Chromicum.
Ammonii Iodidum.
Ammonii Nitras.
Ammonii Valerianas.
Aurii et Sodii Chloridum.
Caffeina Citrata.
Calcii Bromidum.
Calcii Chloridum.
Chloral.
Ferri Chloridum.
Ferri et Quininae Citras.
Hyoscyaminae Hydrobromas.
Hyoscyaminae Sulphas
Lithii Bromidum.
Lithii Citras.
Lithii Salicylas.
Magnesii Citras Granulatus.
Pepsinum.
Pilocarpinae Hydrochloras.
Physostigminae Sulphas.
Potassa.
Potassa cum Calce.
Potassii Acetas.
Potassii Carbonas.
Potassii Citras.
Potassii Cyanidum.
Potassii Hypophosphis
Potassii Sulphis.
Soda.
Sodii Hypophosphis.
Sodii Iodidum.
Sodii Nitris.
Sparteinae Sulphas.
Strontii Bromidum.
Strontii Iodidum.
Zinci Bromidum.
Zinci Chloridum.
Zinci Iodidum.
All granular effervescent salts.

EFFLORESCENT SALTS.

Acidum Citricum.
Cadmii Sulphas.
Codeina.
Cupri Acetas.
Cupri Sulphas.
Ferri et Ammonii Sulphas.
Ferri Sulphas.
Magnesii Sulphas.
Plumbi Acetas.
Potassii Ferrocyanidum
Quinine Salts.
Sodii Arsenas.
Sodii Acetas.
Sodii Benzoas.
Sodii Boras.
Sodii Hyposulphis.
Sodii Carbonas.
Sodii Phosphas.
Sodii Sulphas.
Strychnine Salts.
Zinci Acetas.
Zinci Sulphas.

TABLE OF THERAPEUTICAL AGENTS.

1. INTERNAL REMEDIES.

A. Affecting Nutrition:

- Hæmatics (Blood Tonics).
- Alkalies.
- Acids.
- Digestants.
- Antipyretics.
- Alteratives.

B. Affecting the Nervous and Muscular System:

(a) The Brain—
- Cerebral Excitants.
- Cerebral Depressants.
- Narcotics.
- Hypnotics.
- Analgesics.
- Anæsthetics.

(b) The Spinal Cord—
- Motor Excitants.
- Motor Depressants.

(c) Nerve Centers and Ganglionic System—
- Antispasmodics.
- Tonics.
- Antiperiodics.

(d) Heart and Circulatory System—
- Cardiac Stimulants.
- Cardiac Sedatives.
- Vascular Stimulants.
- Vascular Sedatives.

(e) Excretories—
- Diuretics.
- Renal Depressants.
- Vesical Tonics and Sedatives.
- Urinary Sedatives.
- Diaphoretics and Sudorifics.
- Anhidrotics.
- Antilithics.

C. Affecting Special Organs—Partly Through the Nervous System:

(a) Organs of Respiration—
- Expectorants.
- Pulmonary Sedatives.
- Errhines.
- Sternutatories.

(b) Alimentary Canal—
- Sialagogues.
- Emetics.
- Purgatives.
- Astringents.
- Stomachics.

(c) The Liver—
- Hepatic Stimulants.
- Cholagogues.
- Hepatic Depressants.

(d) Generative System—
- Ecbolics or Oxytoxics.
- Emmenagogues.
- Aphrodisiacs.
- Anaphrodisiacs.

(e) Eyes (Ciliary Muscle)—
- Mydriatics.
- Myotics.

II. EXTERNAL REMEDIES.

A. Irritants:
- Rubefacients.
- Epispastics.
- Pustulants.
- Escharotics.

B. Local Sedatives:
- Demulcents.
- Emollients.

III. AGENTS WHICH ACT UPON ORGANISMS WHICH INFEST THE ANIMAL BODY.

Antiseptics.
Disinfectants.
Antizymotics.
Anthelmintics.
Antiparasitics.
Antiperiodics.

THERAPEUTICAL CLASSIFICATION OF DRUGS.

Alteratives.

Acid, Arsenous.
Acid, Hydriodic.
Ammonium Benzoate.
Antimony Salts.
Arsenic and Mercury Iodide Solution.
Arsenites and Arsenates.
Calcium Chloride.
Colchicum.
Copper Salts.
Creosote and its Compounds.
Gold Salts.
Guaiacol and its Compounds.
Ichthyol.
Iodides.
Iodipin.
Iodoform.
Manganese Dioxide.
Mercurials.
Potassium Bichromate.
Potassium Chlorate.
Pulsatilla.
Sanguinaria.
Silver Salts.
Stillingia.
Sulphur.
Suprarenal Capsule.
Xanthoxylum.
Zinc Salts.

Analgesics. See Anodynes, General.

Anaphrodisiacs.

Belladonna.
Bromides.
Bromipin.
Camphor.
Cocaine.
Conium.
Digitalis.
Gelsemium.
Hyoscyamus.
Opium.
Stramonium.

Anaesthetics, General.

Chloroform.
Ether.
Ethyl Bromide.
(Nitrous Oxide).

Anaesthetics, Local.

Chloretone.
Ether Spray.
Ethyl Chloride.
Eucaine.
Holocaine.
Menthol.
Tropacocaine.

Anodynes, General.

Acetanilid.
Acid, Salicylic.
Aconitine.
Antipyrine.
Aspirin.
Atropine.
Bromides.
Butyl-chloral Hydrate.
Caffeine.
Camphor Monobrom.
Chloroform.
Codeine.
Gelseminine.
Methylene Blue.
Morphine Salts.
Oil Gaultheria.
Phenacetin.

Anodynes, Local.

Acid, Carbolic.
Aconite, Tincture.
Aconitine.
Ammonia water.
Atropine.
Belladonna.
Chloroform.
Chloral Hydrate.
Guaiacol.
Ichthyol.

Antacids or Alkalines.

Calcium Carbonate.
Lime Water.
Lithium Carbonate.
Magnesia.
Magnesium Carbonate.
Potassium Bicarbonate
Potassium Carbonate.
Potassium Hydrate.
Sodium Bicarbonate.
Sodium Carbonate.
Sodium Hydrate.

Anthelmintics.

Aspidium.
Chenopodium.
Koussein.
Naphtalin.
Oil Turpentine.
Extract Male Fern.
Pelletierine Tannate.
Pumpkin Seed.
Quassia Infusion.
Santonin with Calomel
Sodium Santoninate.
Spigelia.
Thymol.

Anti-emetics.

Acid, Hydrocyanic.
Bismuth Subcarbonate.
Bismuth Subnitrate.
Bromides.
Cerium Oxalate.
Chloroform.
Codeine.
Ether.
Menthol.
Morphine.
Orexine Tannate.

Antigalactagogues.

Agaricin.
Belladonna.
Camphor; topically.
Conium.
Ergot.
Iodides.
Saline Purgatives.

Antihydrotics.

Acid, Camphoric.
Acid, Gallic.
Acid, Tannic.
Agaricin.
Atropine.
Lead Acetate.
Picrotoxin.
Quinine.
Salicin.

Antilithics.

Acid, Benzoic.
Alkalies.
Benzoates.
Lithium Salts.
Magnesium Citrate.
Magnesium Oxide.
Piperazine.
Potassium Bicarbonate
Potassium Carbonate.
Potassium Citrate.
Sodium Bicarbonate.
Sodium Phosphate.
Sodium Salicylate.

Antiparasitics.

See Parasiticides.

Antiperiodics.

Acid, Arsenous.
Acid, Picric.
Arsenites.
Berberine Carbonate.
Cinchona and Alkaloids.
Methylene Blue.
Quinine.
Salicin.

Antiphlogistics. See also Antipyretics.

Aconite, Tincture.
Antimony-Potassium Tartrate.
Gelsemium.
Ichthyol; internally.
Lead Salts.
Opium.

Antipyretics.

Acetanilid.
Acid, Benzoic.
Acid, Carbolic.
Acid, Salicylic.
Aconite, Tincture.
Ammonium Acetate: Solution.
Ammonium Benzoate.
Aspirin.
Phenacetin.
Quinine and Salts.
Resorcin.
Veratrum Viride, Tincture.

Antiseptics. See also Disinfectants.

Acetanilid.
Acid Benzoic; and Benzoates.
Acid, Boric; and Borates.

Acid, Carbolic.
Acid, Picric.
Aristol.
Bismuth, Benzoate.
Bismuth, Oxyiodide.
Bismuth, Subgallate.
Borolyptol.
Chlorine Water.
Creolin.
Creosote and its compounds.
Eucalyptol.
Formaldehyde.
Glycozone.
Hydrogen Peroxide
Hydrozone.
Ichthyol.
Iodoform.
Iodol.
Listerine.
Magnesium Salicylate.
Magnesium Sulphite.
Mercury Bichloride.
Mercury Cyanide.
Mercury Oxycyanide.
Naphtalin.
Naphtol.
Oil Cade.
Oil Eucalyptus.
Oil Gaultheria.
Oil Pinus Sylvestris.
Oil Turpentine.
Potassium Chlorate.
Potassium Permanganate.
Pyoktanin.
Quinine.
Resorcin.
Salol.
Silver Citrate.
Silver Nitrate.
Sodium Biborate.
Sodium Bisulphite.
Sodium Salicylate.
Sodium Sulphocarbolate.
Sodium Thiosulphate.
Tannoform.
Terebene.
Thymol.
Teroform.
Zinc Carbolate.
Zinc Permanganate.
Zinc Sulphocarbolate.

Antisialagogues.

Atropine.
Belladonna.
Cocaine Hydrochlorate
Myrrh.
Opium.
Potassium Chlorate.
Sodium Borate.

Antispasmodics.

Acid, Camphoric.
Ammonium Valerianate.
Amyl Nitrite.
Atropine.
Bromides.
Bromoform.
Camphor.
Camphor Monobrom.
Chloral Hydrate.
Chloroform.
Coniine Hydrobromate
Eserine.
Ether.
Ethyl Bromide.

Ethyl Iodide.
Hyoscine Hydrobromate.
Hyoscyamus.
Lactucarium.
Lobelia.
Lupulin.
Morphine.
Musk.
Nitrites.
Nitroglycerine.
Opium.
Paraldehyde.
Pulsatilla; tincture.
Stramonium.
Zinc Valerianate.

Antituberculars.

Acid, Cinnamic.
Acid, Sulphurous.
Arsenical Compounds.
Cantharidin.
Cod-Liver Oil.
Creosote and its Compounds.
Guaiacol and Salts.
Glycerinophosphates.
Ichthyol.
Iodoform, topically.
Menthol.
Methylene Blue.
Sodium Cacodylate.
Sodium Cinnamate.
Sodium Formate: Subcutaneously.

Antizymotics. See Antiseptics and Disinfectants.

Aperients. See Cathartics.

Aphrodisiacs.

Cantharides.
Damiana.
Glycerinophosphates.
Gold.
Nux Vomica.
Phosphorus.
Strychnine.

Astringents.

Acid, Chromic.
Acid, Gallic.
Acid, Lactic.
Acid, Tannic.
Alum.
Aluminum Acetate; Solution.
Aluminum Chloride.
Aluminum Sulphate.
Bismuth Salts.
Copper Acetate.
Copper Sulphate.
Hydrastine Hydrochlorate.
Hydrastis.
Ichthyol.
Iron Sulphate, and other iron salts.
Lead Acetate, and other lead salts.
Potassium Bichromate.
Silver Citrate.
Silver Nitrate.
Zinc Acetate.
Zinc Sulphate.

Astringents, Intestinal.

Acid, Lactic.
Acid, Tannic.
Bismuth Salts.

Catechu.
Geranium.
Kino.
Krameria.
Lead Acetate.
Silver Nitrate.
Tannalbin.

Cardiac Sedatives.

Acid. Hydrocyanic.
Aconite.
Antimony preparations
Chloroform.
Digitalis.
Gelsemium.
Pilocarpine.
Veratrine.
Veratrum Viride.

Cardiac Stimulants.

Ammonia.
Ammonium Carbonate.
Atropine.
Caffeine.
Digitalis.
Ether.
Nitroglycerin.
(Oxygen).
Sparteine Sulphate.
Strophanthus.
Strychnine. (Tonic).

Carminatives.

Anise.
Calumba.
Capsicum.
Cardamom.
Caraway.
Cascarilla.
Chamomile.
Cinchona.
Cinnamon.
Cloves.
Gentian.
Ginger.
Nutmeg.
Nux Vomica.
Oil Cajuput.
Oil Mustard.
Orange Peel.
Orexine Tannate.
Pepper.
Pimenta.
Quassia.
Sassafras.
Serpentaria.

Cathartics.

Laxatives:

Cascara Sagrada.
Figs.
Glycerin.
Magnesium Carbonate.
Magnesium Oxide.
Manna.
Oil Almond, expressed
Oil Olive.
Rhamnus Cathart.
Rhamnus Frang.
Sulphur.

Saline Purgatives:

Magnesium Citrate.
Magnesium Sulphate.
Potassium Bitartrate.
Potassium Tartrate.
Potassium and Sodium Tartrate.
Sodium Phosphate.
Sodium Sulphate.
Sodium Tartrate.

Simple Purgatives:

Aloes.
Calomel.
Castor Oil.
Rhubarb.
Senna.

Drastic Cathartics:

Colocynth.
Elaterium.
Euonynim.
Gamboge.
Jalap.
Oil. Croton.
Podophyllin.
Scammony.

Hydragogues:

Drastic Cathartics in large doses.
Saline Purgatives.

Cholagogues:

Aloin.
Euonynim.
Leptandrin.
Mercurials.
Ox-Gall.
Podophyllum.

Caustics. See Escharotics.

Cerebral Depressants. See also Narcotics.

Anæsthetics, general.
Antispasmodics; several.
Hypnotics.
Narcotics.

Cerebral Stimulants.

Alcohol.
Amyl Nitrite.
Atropine.
Belladonna.
Caffeine.
Cannabis.
Coca.
Cocaine.
Coffee.
Ether.
Nitroglycerin.
Strychnine.

Cholagogues. See Cathartics; also Hepatic Stimulants.

Constructives. See Tonics.

Counter-Irritants. See Irritants.

Demulcents.

Acacia.
Albumin.
Althea.
Cetraria.
Chondrus.
Elm.
Flaxseed.
Gelatin.
Glycerin.
Oil Almond expressed.
Oil Olive.
Starch.

Deoxidizers. (Reducing Agents).

Acid, Pyrogallic.
Ichthyol.
Resorcin.

Depilatories.

Barium Sulphide.
Calcium Oxide.
(Calcium Sulphydrate)
Cautery.
Sodium Ethylate.
Sodium Sulphide.

Diaphoretics and Sudorifics.

Acid, Salicylic and Salicylates.
Aconite.
Ammonium Acetate.
Camphor.
Dover's Powder.
Ether.
Guaiac.
Opium.
Pilocarpine Hydrochlorate.
Potassium Citrate.
Potassium Nitrite.
Sodium Nitrite.
Spirit Nitrous Ether.
Veratrum Viride.

Digestives.

Acid, Hydrochloric.
Acid, Lactic.
Ingluvin.
Lactopeptine.
Malt.
Orexin Tannate.
Pancreatin.
Papain.
Pepsin.

Disinfectants. See also Deodorants.

Acid, Boric.
Acid, Carbolic.
Acid, Sulphurous.
Aluminum Chloride.
Ammonium Persulphate.
Borates.
Calcium Permanganate
Chlorine Water.
Creolin.
Eucalyptol.
Formaldehyde.
Glycozone.
Hydrogen Peroxide.
Hydrozone.
Iron Sulphate.
Lime, Chlorinated.
Mercury, Bichloride.
Naphtol.
Oil Eucalyptus.
Potassium Permanganate.
Solution Chlorinated Soda.
Thymol.
Zinc Chloride.

Diuretics.

Adonis Vernalis.
Ammonium Acetate.
Apocynum.
Atropine.
Belladonna.
Cactus Grandiflorus.
Caffeine.
Convallamarin.
Copaiba.
Cubebs.
Digitalis preparations.
Diuretin.
Juniper.

Kava Kava.
Lithium Salts.
Matico.
Nitrites.
Oil Juniper.
Oil Santal.
Pilocarpine Hydrochlor.
Piperazine.
Potassium Acetate
Potassium Bitartrate.
Potassium Citrate.
Potassium Nitrate.
Sodium Acetate.
Sodium Nitrate.
Sparteine Sulphate.
Spirit Nitrous Ether.
Squill.
Strophanthus.
Theobromine.

Ecbolics. See Oxytocics.

Emetics.

Antimony and Potassium Tartrate.
Apomorphine Hydrochlor.
Copper sulphate.
Emetine.
Ipecac.
Mercury Subsulphate.
Mustard with tepid water.
Zinc Sulphate.

Emmenagogues.

Aloes.
Cantharides.
Ergot,
Guaiac.
Iron Chloride and other salts of iron.
Manganese Dioxide.
Myrrh.
Pennyroyal.
Potassium Permangan.
Rue.
Savine.
Tansy.

Errhines. (Sternutatories).

Cubebs.
Sanguinarine.
Veratrine.
White Hellebore.

Escharotics.
Caustics.

Acid, Acetic Glacial.
Acid, Arsenous.
Acid, Carbolic.
Acid, Carbolic, Iodized.
Acid, Chromic.
Acid, Lactic.
Acid, Nitric.
Alum Burnt.
Copper Sulphate.
Iodine.
Potassa.
Silver Nitrate.
Soda.
Sodium Ethylate.
Zinc Chloride.

Expectorants.

Acid, Benzoic.
Ammoniac.
Ammonium Carbonate.
Ammonium Chloride.

Ammonium Salicylate.
Antimony and Potassium Tartrate.
Antimony Salts in general.
Apomorphine Hydrochlor.
Balsam Tolu.
Benzoates.
Emetine in small doses
Glycyrrhizin, Ammoniated.
Ipecac.
Lobelia.
Oil Turpentine.
Pilocarpine Hydrochlor.
Potassium Iodide.
Sanguinarine.
Saponin.
Senegin.
Squill.
Tar.
Terebene.

Galactagogues.

Acid, Lactic.
Alcohol.
Ammonium Chloride.
Castor Oil; topically.
Extract Malt.
Jaborandi.
Pilocarpine Hydrochlor

Gastric Tonics.
(Stomachics.)

Alkalies; before meals.
Aromatics.
Berberine Carbonate.
Bismuth Salts.
Bitters.
Carminatives.
Hydrastis.
Ichthalbin.
Nux Vomica.
Orexine Tannate.
Quassin.

Hematinics.

Arsenical Compounds.
Ext. Bone Marrow.
Hemo-gallol.
Hemoglobin.
Iron Compounds.
Manganese Compounds.
Sodium Cacodylate.

Hemostatics. See Styptics and Hemostatics.

Hepatic Depressants.
Lessening Bile:

Lead Acetate.
Purgatives; many of them.
Morphine.
Opium.
Quinine.

Lessening Urea:

Colchicum.
Morphine.
Opium.
Quinine.

Lessening Glycogen:

Arsenic.
Antimony.
Codeine.
Dionin.

Morphine.
Opium.
Phosphorus.

Hepatic Stimulants.

Acid, Benzoic.
Acid, Nitric.
Acid, Nitrohydrochlor.
Aloes.
Ammonium Chloride.
Amyl Nitrite.
Antimony.
Arsenic.
Benzoates.
Calomel.
Colocynth.
Euonynim.
Podophyllin.
Resin Jalap.
Sanguinarine.
Sodium Bicarbonate.
Sodium Phosphate.
Sodium Salicylate.
Sodium Sulphate.

Hypnotics (Soporifics).

Acetanilid.
Apomorphine Hydrochlor.
Bromides.
Cannabin Tannate.
Chloral Hydrate.
Chloralose.
Chloretone.
Codeine.
Dionin.
Duboisine Sulphate.
Hyoscine Hydrobrom.
Hyoscyamine.
Morphine.
Paraldehyde.
Sulfonal.
Trional.
Urethane.

Intestinal Astringents. See Astringents.

Irritants.

Rubefacients:
Ammonia.
Arnica.
Capsicum.
Iodine.
Menthol.
Mustard.
Oil Turpentine.
Oleoresin Capsicum.

Pustulants:
Antimony and Potassium Tartrate.
Oil Croton.
Silver Nitrate.

Vesicants:
Acid, Acetic, Glacial.
Cantharides.
Chrysarobin.
Oil Mustard.

Laxatives. See Cathartics.

Motor Depressants.

Acid, Hydrocyanic.
Aconite.
Amyl Nitrite.
Apomorphine Hydrochlor.
Bromides.
Bromipin.
Bromoform.

Chloral Hydrate.
Chloroform (large doses).
Coniine Hydrobromate
Gelsemium.
Gold Bromide.
Lobelia.
Muscarine.
Nitrites.
Nitroglycerin.
Physostigmine (Eserine).
Quinine (large doses).
Sparteine Sulphate.
Veratrum Viride.

Motor Excitants.

Alcohol.
Atropine.
Belladonna.
Brucine.
Camphor.
Chloroform.
Nux Vomica.
Picrotoxin.
Pilocarpine Hydrochlor
Pyridine.
Strychnine.

Mydriatics.

Atropine.
Homatropine Hydrobrom.
Hyoscine Hydrobrom.
Scopolamine Hydrobrom.

Myotics.

Arecoline Hydrobrom.
Physostigmine. (Eserine).
Pilocarpine Hydrochlor

Narcotics. See also Hypnotics.

Chloroform.
Chloral Hydrate.
Conium.
Hyoscine.
Hyoscyamine.
Morphine.
Opium.
Stramonium.

Oxytocics (Ecbolics).

Cotton Root Bark.
Ergot.
Hydrastine.
Hydrastinine Hydrochlor.
Pennyroyal.
Quinine.
Rue.
Savine.

Parasiticides.

See Antiseptics and Disinfectants.

Purgatives. See Cathartics.

Refrigerants.

Acid, Citric.
Acid Phosphoric, Dil.
Acid Tartaric.
Ammonium Acetate.
Magnesium Citrate.
Magnesium Sulphate.
Potassium Bitartrate.
Potassium Citrate.
Potassium Nitrate.
Potassium Tartrate.
Sodium Nitrate.
Sodium Tartrate.

Resolvents (Discutients).

Arsenic.
Ichthyol.
Iodides.
Iodine.
Iodipin.
Iodole.
Mercurials.
Thiosinamine.

Respiratory Depressants.

Acid, Hydrocyanic.
Aconite.
Chloral.
Chloroform.
Conium.
Gelsemium.
Muscarine.
Opium.
Physostigma.
Veratrum Viride.

Respiratory Stimulants.

Aspidiosperma. (Quebracho.)
Aspidiospermine.
Atropine.
Caffeine.
Cocaine.
Strychnine.

Restoratives. See Hematinics, Tonics.

Rubefacients. See Irritants.

Sedatives (Nerve). See also Depressants.

Acetanilid.
Acid, Hydrobromic.
Amyl Nitrite.
Antipyrin.
Bromides.
Bromipin.
Bromoform.
Butyl-Chloral Hydrate.
Camphor.
Camphor, Monobrom.
Cardamom.
Chloral Hydrate.
Chloroform.
Cocaine.
Codeine.
Conium.
Ethyl Bromide.
Hyoscine Hydrobrom.
Hyoscyamine.
Hyoscyamus.
Lactucarium.
Lavender.
Lobelia.
Morphine.
Paraldehyde.
Scopolamine Hydrobrom.
Stramonium; tincture.
Sulfonal.
Urethane.
Valerian, and Valerianates.

Sialagogues. (Ptyalagogues).

Acids and Alkalies.
Antimony Compounds.
Capsicum.
Ginger.
Iodine Compounds.
Mercurials.

Muscarine.
Mustard.
Pilocarpine Hydrochlor
Pyrethrum.

Soporifics. See Hypnoptics.

Spinal Stimulants. See also Motor Excitants.

Alcohol.
Atropine.
Camphor; small doses.
Nux Vomica.
Picrotoxin.
Strychnine.

Sternutatories. See Errhines.

Stomachics. See Gastric Tonics.

Styptics and Hemostatics.

Acid, Gallic.
Acid, Tannic.
Adrenalin.
Alum.
Antipyrine.
Copper Sulphate.
Extract Suprarenal Capsule.
Hamamelis.
Hydrastinine Hydrochlor.
Iron Chloride, Ferric.
Iron Subsulphate.
Lead Acetate.
Manganese Sulphate.
Oil Turpentine.
Silver Nitrate.
Stypticin.
Terpinol.

Sudorifics. See Diaphoretics.

Teniafuges. See Anthelmintics.

Tonics, General. See also Hematinics.

Vegetable Tonics:

Bitters.
Berberine Carbonate.
Cinchona Alkaloids and Salts.
Cod-Liver Oil.
Eucalyptus.
Hydrastis.
Quassin.
Salicin.

Mineral Tonics:

Acids, Mineral.
Acid, Arsenous, and its salts.
Acid, Hypophosphorous.
Acid Lactic.
Bismuth Salts.
Calcium Glycerinophos
Copper Salts; small doses.
Gold Salts.
Glycerinophosphates.
Hypophosphites.
Ichthyol.
Iron Compounds.

Manganese Compounds
Phosphorus.

Vaso-Constrictors.

Adrenalin.
Ergot.
Extract Suprarenal Capsule.
Hydrastine Hydrochlorate.
Hydrastinine Hydrochlor.
Stypticin.

Vaso-Dilators.

Amyl Nitrite.
Ether.
Nitroglycerin.
Potassium Nitrite.
Sodium Nitrite.
Spirit Nitrous Ether.

Vermicides. See Anthelmintics.

Vesicants. See Irritants

THERAPEUTICAL AGENTS DEFINED.

Haematics restore the quality of the blood to normal condition. They exert a direct influence on the composition of the blood: e. g., preparations of iron, of manganese, cod-liver oil, etc.

Alkalies act, in the concentrated form, as caustics (escharotics), but when diluted, as antacids. Dilute alkalies, if given before meals, however, will stimulate the production of the acid gastric juice. The carbonates of potassa and soda and the bicarbonates, also preparations of the alkaline earths, such as lime-water and mixtures of magnesium carbonate, are good examples. Some of the salts of the alkalies have a remote antacid effect, becoming decomposed in the blood and excreted in the urine, which it renders less acid.

Acids.—These have an action opposite to that of the alkalies. When much diluted, they are administered for the purpose of checking hyper-acidity of the stomach, by stimulating the production of the alkaline pancreatic juice and checking the acid gastric juice.

Digestants.—Agents which effect solution (digestion) of food in the alimentary canal. Examples: Pepsin, pancreatin, trypsin, papain, etc.

Antipyretics.—Agents which reduce the temperature of the body, either by reducing the circulation or diminishing tissue change, or favoring the loss of heat through radiation, conduction, etc. Examples: Quinine, aconite, antipyrine, antimony, etc.

Alteratives.—A term used to designate a class of agents which alter the course of morbid conditions, modifying the nutritive processes while promoting waste, by stimulating secretion, absorption and the elimination of morbid deposits; especially used in the chronic diseases of the skin. Employed in the treatment of phthisis, syphilis, gout, neuralgia, asthma, etc. Examples: Arsenious acid, mercury, iodine and the iodides, sarsaparilla, guaiac, colchicum, stillingia, etc.

Cerebral Excitants.—Agents which increase the functional activity of the cerebrum, without causing any subsequent depression of brain function. Examples: Camphor, valerian, caffeine, cannabis (in small doses), etc.

Cerebral Depressants have an opposite effect to the preceding, lessening brain activity. Some of the drugs of this class are employed as hypnotics or as analgesics.

Narcotics.—Agents which lessen the sensibility to pain and cause sleep. A narcotic will abolish pain, while an anodyne will frequently merely overcome wakefulness. Examples: Opium, cannabis indica, belladonna, humulus, etc.

Hypnotics.—Agents which induce sleep and will often abolish pain and cause neither deliriant nor narcotic effects. Examples: Chloral, sulphonal, trional, the bromides, etc.

Analgesics.—Agents which relieve pain by their effect upon the sensory centers; the term is synony-

mous with anodynes. The general anodynes, when taken internally, affect the whole organism; local anodynes affect the part to which they are applied, some by their depression of the terminal nerve organs in the skin, others by reducing the local circulation. Examples: Opium, belladonna, hyoscyamus, aconite, antipyrine, acetanilid, etc.

Anaesthetics.—Agents which suspend consciousness and temporarily destroy sensation. The local anæsthetics affect only the part to which they are applied, and diminish or temporarily destroy the sensibility of the part. Examples: Ether, chloroform, nitrous oxide, etc. Local anæsthetics: Cocaine carbolic acid, ether spray, etc.

Motor Excitants.—Agents which increase the functional activity of the spinal cord and the motor apparatus, invigorating the action of the heart and lungs. Examples: Nux vomica, strychnine, etc.

Motor Depressants have an opposite effect to the motor excitants, lowering the functional activity of the spinal cord and motor apparatus. Examples: Alcohol, opium, aconite, conium, belladonna, etc.

Antispasmodics.—Agents acting on the nervous system in various ways. They prevent or allay irregular action or spasm of voluntary and involuntary muscles. This is accomplished frequently by a sedative influence upon the nerve centers, while a few others exert their influence by stimulating the nerve centers. Examples: Alcohol, ether, valerian, camphor asafœtida, musk, the bromides, hydrocyanic acid, etc.

Tonics.—Agents which increase the vigor and tone of the system by improving the appetite, favoring digestion and assimilation, and adding strength to the circulatory system. Examples: Gentian, columbo, quinine, etc.

Antiperiodics.—Agents which prevent or check the return of diseases which recur periodically, pos-

sibly by a toxic action upon the microbes in the blood, which are supposed to cause the disease; but little is known of their mode of action. The typical antiperiodic, quinine, has, however, a decided effect upon the heart and brain, as well as other parts of the nervous system.

Cardiac Stimulants, as the name implies, are agents which increase the heart's action, the force and frequency of the pulse. Examples: Ether, alcohol, atropine, sparteine, nitroglycerine, etc.

Cardiac Sedatives allay and control palpitation and overaction of the heart. Examples: Aconite, veratrum viride, digitalis, antimony, etc.

Vascular Stimulants.—Agents which dilate the peripheral vessels and increase the peripheral circulation. Members of this class also strengthen the heart's action, and are advantageously employed in debilitated conditions of the central organs of the circulation. Examples: Alcohol, preparations of ammonia, caffeine, digitalis, strophanthus, etc.

Vascular Sedatives.—Agents which lessen the capillary circulation and raise the blood pressure by stimulating the vasomotor center or its mechanism and the walls of the vessels. Examples: Ergot, digitalis, opium, salts of iron, etc.

Diuretics.—Agents which increase the secretion of urine, acting either directly upon the secreting cells of the kidneys or by raising the general or local arterial tension. Employed in acute congestion and inflammation of the kidneys and in dropsies. Examples: Squill, scoparius, triticum, and organic salts of the alkalies.

Renal Depressants.—Agents which lower the activity of the renal cells, thereby lessening the urinary secretion. Examples: Morphine, quinine, ergot, etc.

Vesical Tonics and Sedatives.—Agents acting upon the bladder, in the one case increasing the tone of

the muscular fibers and in the other lessening the irritability of that organ. Examples: Tonics—strychnine, cantharis, belladonna, etc.; sedatives—opium, buchu, uva ursi, pareira, etc.

Renal Sedatives.—Agents which exert a sedative action upon the whole urinary tract. Examples: Copaiba, cubebs, etc.

Diaphoretics and Sudorifics.—Agents which increase the action of the skin and promote perspiration. Examples: Dover's powder, jaborandi, camphor, sweet spirits of niter, etc.

Anhidrotics.—Agents which check perspiration. Examples: Atropine, zinc salts, acids, etc.

Antilithics.—Agents used to prevent the formation of insoluble concretions or to dissolve concretions when formed in the ducts. Examples: Salts of lithia, potassium, benzoic acid, etc.

Expectorants.—Agents which are employed to facilitate the expulsion of bronchial secretions and to modify the character of these when abnormal. Examples: Ammonium chloride, the aromatic balsams, squill, licorice, senega, etc.

Pulmonary Sedatives.—Agent which allay the irritability of the respiratory center and the nerves of the lungs and bronchial tubes. Examples: Belladonna, opium, hyoscyamus, hydrocyanic acid, etc.

Errhines and Sternutatories are agents which affect locally the nasal mucous membrane, producing sneezing and an increase of nasal secretion. They also indirectly stimulate the vasomotor centers and at the same time excite the respiratory centers. Examples: Ipecacuanha, sanguinaria, veratrine, etc.

Sialagogues.—Agents which promote the secretion and flow of saliva from the salivary glands. Examples: Pyrethrum, mezereum, the mercurials and antimonials, etc.

Emetics.—Agents which cause vomiting, acting

directly upon the nerves of the stomach or acting through the blood upon the vomiting center, or by reflex irritation of the vomiting center. Examples: Mustard, zinc sulphate, apomorphine, ipecacuanha, tartar emetic, etc.

Purgatives produce evacuation of the contents of the intestinal canal by increasing secretion along the tract, by exciting peristaltic action, etc. Examples: Podophyllum, colocynth, jalap, croton oil, magnesium sulphate, etc.

Astringents.—Agents which produce contraction of muscular fiber, which coagulate albumen and lessen secretion from mucous membranes. Examples: Tannic and gallic acids, alum, lead acetate, persulphate of iron, etc.

Stomachics.—Agents which increase the appetite and promote gastric digestion. They also check fermentation and dispel accumulation of flatus. Examples: Peppermint, cardamon, ginger, capsicum, etc.

Hepatic Stimulants. (Cholagogues).—Agents which excite the liver and increase the functional activity of that organ so that the amount of bile is augmented, etc. Hepatic stimulants increase the activity of the liver-cells, while cholagugues remove the bile from the duodenum. Examples: Podophyllum, aloes, jalap, colocynth, mercurous chloride, etc.

Hepatic Depressants.—Agents which reduce the functional activity of the liver, having the opposite effect of the foregoing, that of diminishing the formation of the bile, urea and glycogen. Examples: Opium, quinine, arsenic, antimony, etc.

Ecbolics or Oxytoxics.—Agents which stimulate the pregnant uterus and produce contraction of that organ, either by direct irritation of the muscles of the womb, or indirectly by affecting the uterine center of the cord. Examples: Ergot, cotton-root bark, savin, cimicifuga, etc.

Emmenagogues.—Agents which stimulate the uterine muscular fibers and restore the normal menstrual function. Examples: Ergot, apiol, iron, etc.

Aphrodisiacs.—Agents used to excite the function of the genital organs when they are morbidly depressed. Examples: Phosphorus, zinc phosphide, salts of iron, gold, or arsenic, etc.

Anaphrodisiacs.—Agents which diminish the sexual desire. Examples: The bromides, camphor, etc.

Mydriatics.—Agents which cause dilation of the pupil; used to temporarily destroy accommodation by causing paralysis of the ciliary muscle. Examples: Atropine and homatropine.

Myotics—Agents acting in a manner contrary to that of the above, producing contraction of the pupil by stimulating the circular muscular fibers of the iris and at the same time contracting the ciliary muscle. Examples: Pilocarpine, eserine, etc.

Irritants.—Agents which are applied locally to the skin to produce certain effects, as rubefacients (simply reddening the skin); epispastics (blistering); pustulants (causing blebs in which is found pus); escharotics, or caustics (actually destroying the tissue). Examples: Mustard (rubefacient); cantharides (epispastic); croton oil (pustulant); caustic potassa, carbolic acid, and strong mineral acids (escharotics).

Local Sedatives.—Agents which diminish irritation in the part to which applied, relieving local inflammation. Examples: Acetate of lead, opium, belladonna, etc.

Demulcents.—Bland remedies used to allay and mechanically protect inflamed surfaces. They are used also internally for this purpose, as in acute inflammation of the alimentary canal. Examples: Mucilages of acacia, flaxseed, Iceland and Irish moss, elm, etc.

Emollients resemble the above; are used externally to soften and soothe the irritated and abraded skin. Examples: Lard, olive oil, cacao butter, etc.

Antiseptics.—Agents which arrest putrefaction, either by preventing the growth of micro-organisms causing putrefactive decomposition or by destroyng these micro-organisms. Examples: Carbolic acid, corrosive sublimate, etc.

Disinfectants.—Some authorities limit the use of this term to those agents which destroy the micro-organisms. The terms antiseptic and disinfectant are frequently interchangeable. Examples: Corrosive sublimate, carbolic acid, iodoform, zinc chloride, eucalyptol, etc.

Antizymotics.—A term applied to agents which arrest fermentation. Examples: See above.

Anthelmintics.—Agents which destroy such parasitic worms as infest the alimentary canal. Tæniafuges destroy tape-worms; vermifuges expel these intestinal parasites. Examples: Santonin, spigelia, chenopodium, etc. Tæniafuges: Filix mas, pelletierin, cusso, etc.

Antiparasitics.—Agents which destroy those parasites which infest the animal body externally. Examples: Mercurial preparations, chrysarobin, carbolic acid, cocculus, etc.

Antiperiodics.—See above.

POISONS AND THEIR TREATMENT

Poisons	Treatment	
Poison.	*Chemical and Mechanical.*	*Physiological.*
Acetanilide, Aniline, Antipyrine Exalgin, Phenacetin,	Evacuate the stomach.	Dogs recumbent position, artificial respiration. Caffeine Citrate, Digitalis, Strychnine, Oxygen, Heat.
Acid, acetic, Hydrochloric, Phosphoric, Nitric, Sulphuric.	Magnesia, Albumen, Lime-water, Soap, Demulcents, Avoid emetics in dogs if acid is concentrated.	Stimulants, Opium, External heat.
Acid— Carbolic, Creosote, Guaiacol.	Alcohol. Dogs, evacuate stomach. Sodium or Magnesium Sulphates, Lime-water. Soap, Demulcents. Avoid Oil and Glycerine.	Atropine, Opium, Stimulants, External heat, Artificial respiration.

Poison.	*Chemical and Mechanical.*	*Physiological.*
Acid—Carbonic.		Fresh air, friction and heat to extremities. Artificial respiration.
Acid—Hydrocyanic (also the Cyanides)	Mixture of Ferrous and Ferric Sulphate with Sodium or Potassium, Hydroxide or Carbonate, or Magnesia. Evacuate stomach if time. Potassium Permanganate, Demulcents.	Cold douches. Ammonia or Chloride of Lime inhalations. Artificial respiration. Stimulants.
Acid—Oxalic.	Lime in any form. Magnesia. Demulcents.	Stimulants. Opium, External heat.
Aconite.	Tannic Acid or Animal Charcoal. Dogs, wash out stomach.	Digitalis, Stimulants. Dogs, artificial respiration.
Alcohol, Ethyl.	Evacuate stomach.	Ammonia inhalations. Atropine, Digitalis, Electricity.

Poison.	*Chemical and Mechanical.*	*Physiological.*
Alcohol. Methyl.	Evacuate stomach.	Pilocarpine Hydrochlorate. Atropine. Digitalis.
Alkalies— Ammonia, Caustic Potash, Caustic Soda, Lime.	Dilute Acids, such as Citric or Tartaric, , Vinegar, Milk, Oil.	Stimulants, Opium. For Ammonia, Aconite, Digitalis.
Alkaloids.	Tannic Acid, Charcoal, Iodine, Albumin.	Keep up circulation and respiration.
Anaesthetics. Chloroform.	Horse, artificial respiration. Atropine.	Dogs. Artificial respiration. Atropine. Inhalations of Ammonia. Fresh air.
Arsenic. Arsenous Acid, Fowler's Solution. Paris Green. "Rough on Rats."	Evacuate stomach. Iron with Magnesia. Dialyzed Iron. Demulcents. Castor Oil.	Stimulants. Opium if necessary. Spt. Nitrous Ether.
Barium Chloride.	Evacuate stomach. Mg. So. 4. Albumin.	Atropine. Ether hypodermically.

Poison.	*Chemical and Mechanical.*	*Physiological.*
Belladonna. Hyoscyamus. Stramonium.	Tannic Acid. Dogs, evacuate stomach.	Opium. Pilocarpine. Artificial respiration. Stimulants when necessary.
Cannabis-American or Indian Hemp.	Evacuate stomach in dogs. Tannic Acid.	Stimulants.
Chloral.	Dogs. Evacuate stomach. Liquor Potassae Dil.	Artificial respiration. Ammonia inhalations. Strychnine. Atropine. Stimulants.
Cocaine.	Horses. Give Morphine Chloral Hydrate. Stimulants in later stages of poisoning.	Dogs. Chloroform. Morphine. Artificial respiration. Stimulants in later stages.
Copper Sulphate.	Potassium Ferrocyanide. Albumin or Milk Demulcents.	Opium or Stimulants as indicated.
Croton Oil.	Dogs. Evacuate stomach. Demulcents to all animals.	Opium. Stimulants.

Poison.	*Chemical and Mechanical.*	*Physiological.*
Digitalis.	Tannic Acid. Magnesium Sulphate.	Aconite. Alcohol.
Food— Poisonous.	Tannic Acid. Castor Oil. Antiseptics. Dogs. Evacuate stomach.	Stimulants. Atropine.
Gaseous Poisons.	Fresh air. Stimulants.	Oxygen. Rest
Gelsemium.	Tannic Acid. Evacuate stomach. Castor Oil.	Morphine. Atropine. Stimulants. Artificial respirations.
Iodine and its compounds.	Starch or flour with water. Demulcents.	Stimulants. Morphine.
Lead and its compounds.	Magnesium or Sodium Sulphate. Alum. Evacuate stomach. Demulcents.	Stimulants. Opium if necessary.
Mercury and its compounds.	Albumin (white of egg) large doses. Evacuate stomach in dogs.	Stimulants. Opium.

Poison.	*Chemical and Mechanical.*	*Physiological.*
Nitro-glycerine.	Emetics in dogs. Cathartics.	Atropine. Ergot. Strychnine.
NUX VOMICA. Strychnine. Brucine.	Charcoal. Tannic Acid. Potassium Permanganate. Apomorphine to small animals.	Artificial respiration. Chloroform for convulsions. Bromides, Chloral, Morphine.
OPIUM. Laudanum. Paregoric. Morphine. Codeine. Heroine.	Potassium Permanganate. Tannic Acid. Evacuate stomach in small animals.	Atropine. Strychnine. Coffee. Caffeine. Tinct. Capsicum. Artificial respiration.
Phosphorus.	Copper Sulphate. Old Oil of Turpentine. Magnesium Sulphate.	Opium. Oxygen inhalations.
Silver Compounds.	Sodium Chloride. Dogs. Emetics. Demulcents. Milk.	Opium. Stimulants if necessary.

Poison.	*Chemical and Mechanical.*	*Physiological.*
Stropanthus.	Tannic Acid. Salines.	Chloroform or Ether inhalations. Chloral or Bromides.
Tobacco.	Tannic Acid. Emetics.	Strychnine.
Zinc Compounds.	Tannic Acid. Emetics. Bicarb. Soda. Albumin. Lime water. Milk.	Morphine. Ether.

EFFECTS OF THE EXPOSURE OF CHEMICALS TO LIGHT AND AIR.

Acidum Hydrocyanicum undergoes decomposition, depositing a black precipitate which may be prevented by the addition of a little hydrochloric acid.

Acidum Nitrohydrochloricum decomposes, losing chlornitrous acid; it should be kept only in small quantity, in partly filled bottles in a dark place.

Acidum Sulphuricum rapidly absorbs moisture.

Acidum Sulphurosum oxidizes to sulphuric acid.

Ammonii Carbonas loses NH_3 and CO_2, and becomes bicarbonate.

Apomorphinæ Hydrochloras turns green, indicating partial decomposition.

Aqua Chlori decomposes with formation of hydrochloric acid and oxygen.

Calx Chlorata loses chlorine, absorbing CO_2.

Calx Sulphurata loses sulphuretted hydrogen, changing to sulphate.

Chloral as well as Camphor are slowly volatilized.

Iodides or bromides of arsenic, ammonium, iron, mercury (ous and ic), sodium, strontium, sulphur, and zinc, lose iodine or bromine, respectively.

Magnesia (calcined) absorbs CO_2 and becomes carbonate.

Magnesii Sulphis oxidizes to sulphate.

Morphinæ Acetas loses acetic acid.

Napthalinum slowly volatilizes.

Oleatum Hydrargyri, U. S. P., deposits metallic mercury.

Physostigmine salts turn red.

Potassa Sulphurata forms carbonate, hyposulphite, and sulphate.

Resorcin becomes colored.

Silver salts are all decomposed by light in presence of organic matter.

Sodii Bisulphis loses sulphurous acid.

Santoninum turns yellow on exposure to light.

Zinci Acetas loses water and acetic acid.

Zinci Phosphidum oxidizes, losing phosphorus.

FREEZING MIXTURES.

If the liquids employed be first cooled, a greater diminution of temperature will take place.

On Mixing:—	The temperature is lowered. From	To
1 pt. each of Ammonium Nitrate and Water	+10°	—15°C.
8 pts. powd. Glauber's Salt and 5 pts. Hydrochloric Acid.....	+10°	—17°C.
2 pts. Snow and 1 pt. Salt.....	0°	—21°C.
1 pt. each Ammonium Chloride, Potassium Nitrate and Water	+10°	—25°C.
9 pts. Sodium Phosphate and 4. pts. Dil. Nitric Acid, ...	+10°	—29°C.
1 pt. Snow and 1 pt. Dil. Sulphuric Acid, ...	— 7°	—50°C.
7 pts. Snow and 10 pts. cryst. Calcium Chloride, ...	0°	—55°C.
A mixture of Ether and solidified Carbon Dioxide, ...	..	—110°C.
Pictet's Fluid (liquefied mixture of SO_2 and CO_2), ...	..	—200°C.

TABLE OF SPECIFIC GRAVITIES, U. S. P.

Temperature, 15° C., 59° F., unless otherwise specified.

Acidium Aceticum,	1.048
Acidum Aceticum Dilutum,	1.008
Acidium Aceticum Glacial,	1.058
Acidum Hydrobromicum Dilutum,	1.077
Acidum Hydrochloricum,	1.163
Acidum Hydrochloricum Dilutum,	1.050
Acidum Hypophosphorosum Dilutum,	1.046
Acidum Lacticum, about	1.213
Acidum Nitricum, about	1.414
Acidum Nitricum Dilutum, about	1.057
Acidum Oleicum, about	0.900
Acidum Phosphoricum, not below	1.710
Acidum Phosphoricum Dilutum, about	1.057
Acidum Sulphuricum, not below	1.835
Acidum Sulphuricum Aromaticum, about	0.939
Acidum Sulphuricum Dilutum, about	1.070
Acidum Sulphurosum, not less than	1.035
Adeps,	0.932
Aether,	0.725 to .728
Aether Aceticus,	0.893 to 0.895
Alcohol, about,	0.820
Alcohol Absolutum, not higher than	0.797
Alcohol Deodoratum, about	0.816
Alcohol Dilutum, at 15° C., about	0.936
Alcohol Dilutum, at 15.6° C., about	0.937
Alcohol Dilutum, at 25° C., about	0.930
Amyl Nitris,	0.870 to 0.880
Aqua Ammoniæ,	0.960
Aqua Ammoniæ Fortior,	0.901
Aqua Hydrogenii Dioxidi, about	1.006 to 1.012
Balsamum Peruvianum,	1.135 to 1.150
Benzinum,	0.670 to 0.675
Bromum,	2.990
Camphora,	0.995

Carbonei Disulphidum,	1.268 to 1.269
Cera Alba,	0965 to 0.075
Cera Flava,	0.955 to 0.967
Cetaceum, about	0.945
Chloroformum, at 15° C., not below	1.490
Chloroformum, at 25° C., not below	1.473
Copaiba,	0.940 to 0.990
Creosotum, not below	1.070
Eucalyptol,	0.930
Fel Bovis,	1.018 to 1.028
Glycerinum, not less than	1.250
Hydrargyrum,	13.5584
Iodoformum,	2.000
Iodum, at 17° C.,	4.948
Liquor Ferri Acetatis, about	1.160
Liquor Ferri Chloridi, about	1.387
Liquor Ferri Citratis, about	1.250
Liquor Ferri Nitratis, about	1.050
Liquor Ferri Subsulphatis, about	1.550
Liquor Ferri Tersulphatis, about	1.320
Liquor Hydrargyri Nitratis, about	2.100
Liquor Plumbi Subacetatis, about	1.195
Liquor Sodæ, about	1.059
Liquor Potassæ, about	1,036
Liquor Sodæ Chloratæ, about	1.052
Liquor Sodii Silicatis,	1.300 to 1.400
Liquor Zinci Chloridi, about	1.535
Mel,	1.375
Methyl Salicylas,	1.183 to 1.185
Oleum Adipis,	0.910 to 0.920
Oleum Aethereum,	0.910
Oleum Amygdalæ Amaræ,	1.060 to 1.070
Oleum Amygdalæ Expressum,	0.915 to 0.920
Oleum Anisi, about (17°C.),	0.980 to 0.990
Oleum Aurantii Corticis, about	0.850
Oleum Aurantii Florum,	0.875 to 0.890
Oleum Bergamottæ,	0.880 to 0.885
Oleum Cadinum, about	0.990
Oleum Cajuputi,	0.922 to 0.929

Oleum Cari,	0.910 to 0.920
Oleum Caryophylli,	1.060 to 1.067
Oleum Chenopodii, about	0.970
Oleum Cinnamomi,	1.055 to 1.065
Oleum Copaibæ,	0.890 to 0.910
Oleum Coriandri,	0.870 to 0.885
Oleum Cubebæ, about	0.920
Oleum Erigerontis, about	0.850
Oleum Eucalypti,	0.915 to 0.925
Oleum Fœniculi, not less than,	0.960
Oleum Gaultheriæ,	1.175 to 1.185
Oleum Gossypii Seminis,	0.920 to 0.930
Oleum Hedeomæ,	0.930 to 0.940
Oleum Juniperi,	0.850 to 0.890
Oleum Lavandulæ Florum,	0.885 to 0.897
Oleum Limonis,	0.858 to 0.859
Oleum Lini,	0.930 to 0.940
Oleum Menthæ Piperitæ,	0.900 to 0.920
Oleum Menthæ Viridis,	0.930 to 0.940
Oleum Morrhuæ,	0.920 to 0.925
Oleum Myrciæ,	0.975 to 0.990
Oleum Myristicæ,	0.870 to 0.900
Oleum Olivæ,	0.915 to 0.918
Oleum Picis Liquidæ, about	0.970
Oleum Pimentæ,	1.045 to 1.055
Oleum Ricini,	0.950 to 0.970
Oleum Rosæ,	0.886 to 0.880
Oleum Rosmarini,	0.895 to 0.915
Oleum Sabinæ,	0.910 to 0.940
Oleum Santali,	0.970 to 0.978
Oleum Sassafras,	1.070 to 1.090
Oleum Sesami,	0.919 to 0.923
Oleum Sinapis Volatile	1.018 o 1.029
Oleum Terebinthinæ,	0.855 to 0.870
Oleum Terebinthinæ Rectificatum,	0.855 to 0.865
Oleum Theobromatis,	0.970 to 0.980
Oleum Thymi,	0.900 to 0.930
Oleum Tiglii,	0.940 to 0.960
Perolatum Liquidum,	0.875 to 0.945

Petrolatum Molle at 60° C., (140° F.),.0.820 to 0.840
Petrolatum Spissum, at 60° C. (140° F.), 0.820 to 0.850
Phosphorus, at 10° C. (50° F.), ...1.830
Resina, ...1.070 to 1.080
Spiritus Aetheris Nitrosi, about ..... .820
Spiritus Ammoniæ, about 0.810
Spiritus Ammoniæ Aromaticus, ...0.905
Spiritus Frumenti, ...0.917 to 0.930
Spiritus Glonoini, ...0.826 to 0.832
Spiritus Vini Gallici, ...0.925 to 0.941
Syrupus, about, ...1.317
Syrupus Acidi Hydriodici, about 1.313
Terebenum, about 0.862
Thymol (as solid), ...1.069
Tinctura Ferri Chloridi, about 0.960
Vinum Album, at 15.6° C., not less than.....0.990
Vinum Album, not more than 1.010
Vinum Rubrum, at 15.6° C., not less than....0.989
Vinum Rubrum, not more than 1.010
Zincum, cast 6.900, rolled, ...7.200

DROPS IN A FLUIDRACHM.

A Table Showing the Number of Drops in a Fluidrachm, also the Weight of one Fluidrachm in Grains and Grammes for each of the Preparations Named.

Name.	Drops in Fluidrachm, 60 Min.	Weight of Fluidrachm.	
		In Grains.	In Gms.
Acetum Opii	90	61	3.95
Scillæ	68	57	3.69
Acidum Aceticum	108	58	3.75
Aceticum Dilutum	68	55	3.56
Carbolicum	111	59	3.82
Hydrochloricum	70	65	4.21
Dilutum	60	56	3.62
Hydrocyanicum Dilutum	60	54	3.49
Lacticum	111	66	4.25
Nitricum	102	77	4.98
Dilutum	60	58	3.62
Nitrohydrochloricum	76	66	4.27
Phosphoricum Dilutum	59	57	3.69
Sulphuricum	128	101	6.54
Aromaticum	146	53	3.43
Dilutum	60	58.5	3.79
Sulphurosum	59	55	3.56
Æther	178	39	2.52
Alcohol	146	44	2.85
Dilutum	137	49	3.17
Aqua	60	55	3.56
Ammoniæ Fortior	66	50	3.24
Destillata	60	53.5	3.46
Balsamum Peruvianum	101	60	3.88
Bromum	250	165	10.69
Chloroformum	250	80	5.18
Copaiba	110	51	3.30
Creosotum	122	56.5	3.66
Extractum Belladonnæ Radicis Fluidum.	156	57	3.69
Cimicifugæ Fluidum	147	48	3.11
Cinchonæ Fluidum	138	58	3.75
Colchici Radicis Fluidum	160	37	3.69
Seminis Fluidum	158	55	3.56
Digitalis Fluidum	134	62	4.01
Gelsemii Fluidum	149	49	3.14
Hyoscyami Fluidum	160	59	3.82

Name.	Drops in Fluidrachm, 60 Min.	Weight of Fluidrachm.	
		In Grains.	In Gms.
Ipecacuanhæ Fluidum	120	60	3.88
Pareiræ Fluidum	140	51	3.72
Rhei Fluidum	158	61	3.95
Sarsaparillæ Fluidum Compositum	134	60	3.88
Senegæ Fluidum	137	62	4.01
Serpentariæ Fluidum	148	47	3.07
Uvæ Ursi Fluidum	137	60	3.88
Valerianæ Fluidum	150	49	3.17
Veratri Viridis Fluidum	150	50	3.24
Zingiberis Fluidum	142	48	3.11
Glycerinum	67	68	4.40
Liquor Acidi Arsenosi	57	55	3.56
Ammonii Acetatis	75	56	3.62
Arseni et Hydrargyri Iodidi	58	55	3.56
Ferri Citratis	71	72	4.66
Nitratis	59	59	3.82
Subsulphatis	73	83	5.37
Tersulphatis	83	72	4.66
Liquor Hydrargyri Nitratis	131	123	7.97
Iodi Compositus	63	59	3.82
Potassæ	62	58	3.75
Potassii Arsenitis	57	55	3.56
Sodæ Chloratæ	63	62	4.01
Zinci Chloridi	89	88	5.70
Oleoresina Aspidii	130	52	3.36
Capsici	120	51	3.30
Cubebæ	123	52	3.36
Oleum Æethereum	125	50	3.24
Amygdalæ Amaræ	115	55	3.56
Expressum	108	48.5	3.14
Anisi	119	54	3.49
Bergamottæ	130	46	2.98
Cari	132	50	3.24
Caryophylli	130	57	3.69
Cinnamomi	126	53.5	3.46
Copaibæ	123	49.5	3.20
Cubebæ	125	51	3.30
Fœniculi	125	53	3.43
Gaultheriæ	125	62	4.01
Juniperi	148	49	3.17
Lavandulæ Florum	138	52	3.36
Limonis	129	47	3.04
Menthæ Piperitæ	129	50	3.24
Ricini	77	51.5	3.33

Name.	Drops in Fluidrachm, 60 Min.	Weight of Fluidrachm.	
		In Grains.	In Gms
Rosæ	132	47	3.04
Rosmarini	143	50	3.24
Sassafras	133	58	3.75
Terebinthinæ	136	45.5	2.94
Tiglii	104	50	3.24
Spiritus Ætheris Compositus	148	45	2.91
Ætheris Nitrosi	146	47	3.04
Ammoniæ Aromaticus	142	48	3.11
Chloroformi	150	48	3.11
Menthæ Piperitæ	142	47	3.04
Syrupus	65	72	4.66
Ferri Iodidi	65	77	4.98
Tinctura Aconiti	146	46	2.98
Belladonnæ Foliorum	137	53	3.43
Cantharidis	131	51	3.33
Cinchonæ Composita	140	49	3.17
Digitalis	128	53	3.43
Ferri Chloridi	150	53	3.43
Iodi	148	47	3.04
Nucis Vomicæ	140	44	2.85
Opii	130	53	3.43
Camphorata	130	52	3.36
Deodorati	110	54	3.49
Valerianæ	130	52	3.36
Veratri Viridis	145	46	2.98
Zingiberis	144	46	2.98
Vinum Colchici Radicis	107	55	3.56
Colchici Seminis	111	54	3.49
Opii	100	55	3.56

TABLE OF THERMOMETRY.

Comparison Between the Centigrade and Fahrenheit's Thermometrical Scales.

Cent.	Fahr.	Cent.	Fahr.	Cent.	Fahr.
°	°	°	°	°	°
10.0	50.0	31.0	87.8	39.4	103.0
11.0	51.8	31.6	89.0	40.0	104.0
12.0	53.6	32.0	89.6	40.5	104.9
13.0	55.4	32.2	90.0	41.0	105.8
14.0	57.2	32.7	91.0	41.1	106.0
15.0	59.0	33.0	91.4	41.6	107.0
16.0	60.8	33.3	92.0	42.0	107.6
17.0	62.6	33.8	93.0	42.2	108.0
18.0	64.4	34.0	93.2	42.7	109.0
19.0	66.2	34.4	94.0	43.0	109.4
20.0	68.0	35.0	95.0	43.3	110.0
21.0	69.8	35.5	96.0	43.8	111.0
22.0	71.6	36.0	96.8	44.0	111.2
23.0	73.4	36.1	97.0	44.4	112.0
24.0	75.2	36-6	98.0	45.0	113.0
25.0	77.0	37.0	98.6	46.0	114.8
26.0	78.8	37.2	99.0	47.0	116.6
27.0	80.6	37.7	100.0	48.0	118.4
28.0	82.4	38.0	100.4	49.0	120.2
29.0	84.2	38.3	101.0	50.0	122.0
30.0	86.0	38.8	102.0		
30.5	87.0	39.0	102.2		

To convert the degrees of Centigrade into those of Fahrenheit, multiply by 9, divide by 5, and add 32

Fahrenheit degrees minus 32, multiplied by 5, and divided by 9, equal Centigrade.

AVERAGE TEMPERATURES OF THE HEALTHY BODY.

Registered at the Rectum.

Animal.	Average.
	°
Horses	38.0 C. 100.4 F.
Cattle	38.5 C. 101.3 F.
Sheep and Goats	39.4 C. 103.0 F.
Pigs	39.2 C. 102.6 F.
Dogs	38.5 C. 101.3 F.
Cats	38.0 C. 100.4 F.
Rabbits	38.25 C. 100.85 F.
Elephants	36.4 C. 97.6 F.
Camels	37.5 C. 99.5 F.

TABLE OF UTERO-GESTATION.

Animal.	Average Period.	Early Period for Young to Live.	Late Period.
Mares	335-345 days (11-11⅓ *mos.*	307 days (10 *months*)	365 days (12 *months*)
Cows	275-287 days (39-41 *weeks*)	242 days (34½ *weeks*)	312 days (44½ *weeks*)
Sheep and Goats	149-151 days (21-21½ *weeks*)	140 days (20 *weeks*)	160 days (23 *weeks*)
Sows	112-119 days (16-17 *weeks*)	105 days (15 *weeks*)	126 days (18 *weeks*)
Bitches	63 days (9 *weeks*)	55 days (8 *weeks*)	70 days (10 *weeks*)
Cats	55 days (8 *weeks*)	50 days	64 days
Rabbits	28-30 days (4 *weeks*)		

THE FOLLOWING ARE SOME OF THE IMPORTANT DRUGS THAT ARE USED HYPODERMICALLY.

	Horse.
Aconitine	.0162- .0648
Apomorphine sulphate	.00162-.0162
Atropine sulphate	
Caffein	2.00-8.00
*Chloral hydrate (intravenous)	16.0-32.00
Cocaine muriate	.0648-.1948
Colchicine	.0162-.0324
Digitalin	.0081-.0162
Ergotin	.1296-.2593
Eserine sulphate	.0648-.095
Hyoscyamine sulphate	.0081-.0324
Morphine sulphas	.0648-.3888
Nitroglycerine	.0648-.1396
Pilocarpine muriate	.0648-.1944
Strychnine sulphate	.6162-.0648
	Ox.
Aconitine	.00648-.0216
Aomorphia Hydroch	
Atropine sulphate	32.00-48.00
Caffein	4.00-10.00
*Chloral hydrate (intravenous)	32.00-48.00
Cocaine muriate	.0648-.3240
Colchicine	.0324-.0648
Digitalin	.0129-.0216
Ergotin	.2592-.5184
Eserine sulphate	.0648-.1944
Hyoscyamine sulphate	.0162-.021
Morphine sulphas	.1944-.6480
Nitroglycerine	.0648
Pilocarpine muriate	.6048-.3240
Strychnine sulphate	.0324-.0648

Chloral hydrate should never be administered sub-cutaneously!

	Dog.
Aconitine	.00064
Apomorphia Hydroch	.00259-.00648
Atropine sulphate	.00064
Caffein	.0648-.1944
*Chloral hydrate (intravenous)	.1296-1.63
Cocaine muriate	.0064-.0162
Colchicine	.0012-.00216
Digitalin	.00064
Ergotin	.0064-.0162
Eserine sulphate	.00064
Hyoscyamine sulphate	.00064
Morphine sulphas	.0081-.0324
Nitroglycerine	.0016-.0032
Pilocarpine muriate	.0064-.0162
Strychnine sulphate	.00064-.00129

VETERINARY POSOLOGY

In the following pages the doses are given as nearly as possible as the minimum and maximum for the adult animals.

The table below will assist in regulating the dosage for the younger animals.

I.—Horses.

From	3 years and upwards	=1	part.
"	1½-3 years	=½	"
"	9-18 months	=¼	"
"	4½-9 months	=⅛	"
"	1-4½ months	=1-16	"

II.—Cattle.

From	2 years and upwards	=1	part.
"	1-2 years	=½	"
"	½-1 year	=¼	"
"	3-6 months	=⅛	"
"	1-3 months	=1-16	"

III.—Sheep.

From	2 years and upwards	=1	part.
"	1-2 years	=½	"
"	½-1 year	=¼	"
"	3-6 months	=⅛	"
"	1-3 months	=1-16	"

IV.—Pigs.

From	1½ years and upwards	=1	part.
"	9-18 months	=½	"
"	4½-9 months	=¼	"
"	2½-4½ months	=1-9	"
"	1-2 months	=1-18	"

V.—Dogs.

From	½-1 year	=1	part.
"	3-6 months	=½	"
"	1¼-3 months	=¼	"
"	20-45 days	=⅛	"
"	10-20 days	=1-16	"

Unless otherwise indicated, all doses are to be given via mouth.

The following abbreviations are used:

H.—Horse. C.—Cattle. D.—Dogs. P.—Pigs. S.—Sheep.

Acetanilide (Antifebrin.)

H. 8-15.; C. 15-25.; P. 0.5-.0.; D. 0.2-0.5.
Action: Antipyretic, analgesic and antiseptic.

Acid Hydrochloric (Dilute.)

H. 8-15.; C. 15-25.; P. 0.5-1.0.; D. 0 2-0.5.
Action: Astringent, tonic, antiseptic.

Acid Acetic (Dilute.)

Doses: H. 30-60.; D. 1-2.
Action: Refrigerant and diuretic.

Acid Nitric (Dilute.)

Doses: H. 10-30.; C. 20-60.; S. & P. 1-2.; D. 0.2-0.5.
Action: Tonic, hepatic stimulant.

Acid Phosphoric.

Doses: H. 8-30.; D. 0.5-2.0.
Action: Nerve tonic, antiphosphatic, aphrodisiac and antifebrile.

Acid Tartaric.

Doses: H. 30-60.; D. 0.5-2.0.
Action: Refrigerant and purgative.

Acid Sulphuric (Dilute.)

Doses: H. 10-30.; C. 30-100.; P. 2-8.; S. 4-8.; D. 0.2-1.0.
Action: Astringent, antiseptic and tonic.

Acid Sulphuric Aromatic.

Doses: H. 10-30.; C. 30-100.; P. 2-8.; S. 4-15.; D. 0.2-2.0.
Action: Astringent, antiseptic and tonic.

Aconite. Tincture (U. S. P.)
Doses: H. 0.6-2.0.; C. 1-4.; D. 0.01-0.1.
Action: Cardiac depressant, local anaesthetic.

Aconite. Tincture (Fleming.)
Doses: One-half that of the U. S. P. tincture.
Action: Cardiac depressant, local anaesthetic.

Adeps (Lard.)
Action: Vehicle for ointments.

Adeps lanæ hydrosus. (Lanolin.)
Action: Vehicle for ointments.

Aether.
Doses: H. 30-60.; C. 60-90.; S. & P. 10-15.; D. 1-4.
Action: Anaesthetic, antispasmodic, anodyne, stimulant.

Aethyl chloridum (Ethyl chloride.)
Action: Local anaesthetic in a spray.

Alcohol.
Doses: H. 30-60.; C. 30-90.; S. 15.; D. 0.8-4.
Action: Stimulant, sedative, diaphoretic, diuretic, tonic.

Aloe barbadensis (Barbadoes aloes.)
Doses: H. 15-30.; C. 30-60.; S. 15.; D. 0.2-0.6.
Action: Purgative, bitter tonic.

Aloin.
Doses: H. 8-10.; D. 0.2-0.6.
Action: Purgative.

Alumen (Alum.)
Doses: H. 4-12.; C. 10-20.; S. & P. 0.8-2.0.; D. 0.1-1.0.
Action: Astringent, styptic.

Ammonia aqua. (10 per cent.)
Doses: H. 8-16.; C. 16-32.; S. & P. 4-8.; D. 0.3-1.0.
Action: Rubefacient, gastric and general stimulant.

Ammonia aqua fortior. (28 per cent.)
Doses: H. 4.0-8.0.; C. 8-16.; S. & P. 2-4.; D. 0.2-0.8.
Action: Stimulant, antacid and vesicant.

Ammonia Aromatic Spirits.
Doses: H. 15-50.; C. 30-60.; S. & P. 4-8.; D. 0.5-3.0.
Action: Carminative, cardiac, respiratory and general stimulants.

Ammonium Carbonas.
Doses: H. 4-12.; C. 5-20.; S. & P. 1-3.; D. 0.1-0.6.
Action: Cardiac stimulant, antacid.

Ammonium Chloride.
Doses: H. 4-8.; C. 10-25.; S. 4-8.; D. 0.1-1.0.
Action: Cardiac, expectorant, stimulant, diaphoretic, diuretic.

Ammonium Iodide.
Doses: H. 5-15.; C. 10-15.; D. 0.1-0.8.
Action: Gland stimulant.

Ammonium Acetate Liquor.
Doses: H. 60-150.; C. 100-240.; D. 5-15.
Action: Diaphoretic, diuretic, expectorant, stomachic, antipyretic.

Ammonium Benzoate.
Doses: H. 10-30.; C. 15-30.; D. 0.2-2.0.
Action: Expectorant; to dissolve stones of bladder.

Ammonium Phosphate.
Doses: D. 0.2-1.2.
Action: Used in gout; uric acid calculi.

Amyl Nitrite.
Doses: H. (Per Os.) 0.8-2.0.; (Hypoder.) 0.4-1.0.; (Inhal.) 2-4.; D. (Per Os.) 0.05-0.2.; (Inhal.) 0.1-0.5.
Action: Cardiac stimulant, nerve sedative.

Anthemis (Chamomile.)
Doses: H. 32-64.; C. 30-90.; D. 1-2.
Action: Stomachic, tonic.

Antimonii et potassi tartras (Tartar emetic.)
Doses: H. (Expec.) 5-10.; C. (Rum.) 10-15.; D. (Emet.) 0.1-0.3.
Action: Sedative expectorant, vermifuge, emetic, diaphoretic.

Anise Seed (Pwd.)
Doses: H. 15-30.; C. 20-50.; D. 0.5-1.0.
Action: Stomachic, carminative.

Antipyrinum. (Antipyrine.)
Doses: H. 2-4.; C. 5-10.; D. 0.8-1.0.
Action: Antipyretic, analgesic.

Apomorphine Hydrochloras.
Doses: D. (Per Os.) 0.01-0.1.; (Hypoder.) 0.008-0.01.
Action: Emetic.

Arnica Radix Extract.
Doses: H. 6-12.; D. 0.05-0.2.
Action: Antipyretic, diuretic, diaphoretic, stimulant, irritant.

Arnica Radix Extract Fluid.
Doses: H. 8-15.; D. 0.1-0.8.
Action: See the Extract.

Arnica Radix Tincture.
Doses: H. 15-60.; D. 0.4-0.8.
Action: See the Extract.

Arnica Florum Tincture.
Doses: H. 16-32.; D. 0.32-0.65.
Action: Used mostly externally, stimulant.

Areca Nut.
Doses: H. 15-20.; D. (small) 0.5-0.8.; (large) 1-4.
Action: Anthelmintic.

Arsenous Acid. (Arsenic.)
Doses: H. 0.1-0.5.; C. 0.2-0.5.; S. & P. 0.1-0.3.
Action: Tonic, alterative and caustic.

Arsenic Iodide.

Doses: Same as the arsenic.
Action: Alterative, nerve tonic, antiperiodic.

Arsenic. (Fowler's Solution.)

Doses: H. 10-30.; C. 15-30.; S. & P. 2-5.; D. 0.1-0.6.
Action: Alterative, tonic.

Arsenic. (Donovan's Solution.)

Doses: Same as Fowler's Solution.
Action: Ditto.

Argentum Nitras. (Silver Nitrate.)

Doses: H. & C. 0.1-0.5.; S. 0.1-0.2.; P. 0.05-0.1.; D. 0.02-0.05.
Action: Tonic, astringent, caustic.

Artemesia Absinthe.

Doses: H. 5-10.
Action: Anthelmintic.

Asafœtida. (Gum.)

Doses: H. 10-20.; C. 30.; S. 4.; D. 0.3-1.0.
Action: Antispasmodic, stomachic, vermifuge.

Asafœtida Tincture.

Doses: H. 15-30.; C. 60.; D. 1-2.
Action: Same as the gum.

Asclepias. (Pleurisy-root.)

Doses: H. 16-24.; C. 24-32.; D. 2-8.
Action: Carminative, diaphoretic, expectorant.

Atropina (Atropine sulphate.)

Doses: H. 0.03-0.06.; D. 0.001-0.002.
Action: Anodyne, mydriatic (1 to 5 per cent.), delirifacient.

Balsamum Peruvianum. (Balsam of Peru.)

Doses: D. 0.65-2.0.
Action: Used in cystitis. Externally in ointments.

Balsamum Tolutanum. (Balsam of Tolu.)

Doses: D.0.65-2.0.
Action: Expectorant, stomachic, externally in skin diseases.

Barium Chloridum. (Barium Chloride.)
Doses: H. (Per Os.) 2-4. (Intraven.) 0.8-1.0. Never used sub-cutaneously.
Action: Purgative.

Belladonnæ Folia. (Belladonna Leaves.)
Doses: H. 16-64.; C. 32-96.; D. 0.1-0.5.
Action: Anodyne, mydriatic.

Belladonnæ Extract.
Doses: H. 1-2.; C. 2-8.; D. 0.01-0.1.; S. 0.1-0.5.
Action: Antispasmodic, anodyne.

Belladonnæ Folia Fluid Extract.
Doses: H. 4-8.; C. 5-10.; P. 0.1-0.6.; D. 0.1-0.4.
Action: Antispasmodic, anodyne.

Belladonnæ Radicis Fluid Extract.
Doses: H. 4-8.; C. 8-12.; D. 0.03-0.2.
Action: Antispasmodic, anodyne, mydriatic, dessicant.

Benzoin.
Doses: (Tct.) H. 30-45.; C. 60-90.; S. 20-30.; D. 5-10.
Action: Stimulant, expectorant, antiseptic.

Benzoic Acid.
Doses: H. & C. 4-30.; D. 0.2-0.6. (Large) 2.
Action: Antiseptic to the bladder.

Bismuthi Subcarbonas.
Doses: H. 2.00-8.00.; C. 8.00.; D. 0.32-1.0.
Action: Internal antiseptic, astringent.

Bismuthi Subnitras.
Doses: H. 2-10.; C. 8-12.; D. 0.32-1.0.
Action: Internal antiseptic, astringent.

Boric Acid.
Doses: H. & C. 10-20.; S. 5-10.; foals 1-2.; D. 0.5-1.0.
Action: Antiseptic.

Bromide Potassium.

Doses: H. 15-30.; C. 30-60.; D. 0.5-2.0.; S. 1-2.
Action: Sedative.

Bromide Sodium.

Doses: Same as bromide potassium.
Action: Sedative.

Bromide Lithium.

Doses: Same as bromide potassium.
Action: Hypnotic, antispasmodic, alterative.

Bromide Ammonium.

Doses: Same as bromide potassium.
Action: Antispasmodic, alterative, anaphrodisiac.

Buchu Folia Fluid Extract.

Doses: H. 30-60.; C. 60-90.; D. 0.5-2.0.
Action: Tonic, astringent, diuretic.

Buckthorn Syrup.

Doses: D. 30-60.
Action: Laxative.

Caffeine Citrate.

Doses: H. & C. 1.0-4.; D. 0.1-.5.
Action: Cardiac and brain stimulant, diuretic.

Calabar Bean.

See physostigmine.

Calcium Bromidum.

Doses: H. 8-16.; C. 16-24.; D. 0.65-1.32.
Action: Depressant.

Calcium Carbonas.

Doses: H. 30-60.; C. 60-120.; S. 10-20.; P. 4-8.; D. 0.5-1.0.
Action: Astringent, antiseptic.

Calcium Hypophosphis.

Doses: H. 4-12.; C. 4-20.; D. 0.065-0.32.
Action: Alterative.

Calcium Phosphas.
Doses: H. 4-8.; C. 8-15.; S. 0.5-1.0.; D. 0.3-0.8.
Action: Tonic to nervous system and bone nutrient.

Calx Chlorata. (Chlorinated lime.)
Doses: H. 4-8.; C. 8-15.; S. 4.00.; D. 0.1-0.5.
Action: Disinfectant, deodorant.

Calumba. (Calumbo.)
Doses: H. 16-32.; C. 15-60.; S. 0.32-1.32.
Action: Stomachic, tonic.

Camphora. (Camphor.)
Doses: H. 4-8.; C. 8-15.; S. 0.8-2.0.; P. 0.8-2.0.; D. 0.1-0.5.
Action: Stimulant, anodyne, antiseptic, antispasmodic.

Camphora Aqua.
Doses: H. 30-60.; D. 2-10.
Action: Antispasmodic, anodyne.

Camphora Spiritus.
Doses: H. 10-30.: C. 20-40.; D. 0.5-1.0.
Action: Stimulant, anodyne, antispasmodic.

Camphora Monobromata.
Doses: D. 0.1-1.5.
Action: Antispasmodic, anodyne, antiseptic, diaphoretic.

Cannabis Indica Extract.
Doses: H. 2-4.; C. 5-10.; S. 1-2.; D. 0.05-0.1.
Action: Anodyne, antispasmodic.

Cannabis Indica Fluid Extract.
Doses: H. 10-30.; C. 15-40.; D. 0.1-1.0.
Action: Antispasmodic, anodyne.

Cannabis Indica Tincture.
Doses: D. 0.5-1.5.
Action: Anodyne, hypnotic, antispasmodic.

Cantharis (Spanish Flies.)
Doses: H. 0.18-0.36.; C. 0.32-1.32.; D. 0.016-0.12.
Action: Aphrodisiac, diuretic, vesicant.

Cantharis Tincture.
Doses: H. 5-15.; C. 10-20.; S. 2-4.; D. 0.5-0.8.
Action: Aphrodisiac, diuretic, vesicant.

Capsicum (Cayenne pepper.)
Doses: H. 0.65-1.32.; C. 1.32-2.65.; D. 0.06-0.12.
Action: Stomachic, stimulant to bile, carminative.

Capsicum Tincture.
Doses: H. 10-40.; C. 30-90.; D. 0.5-2.0.
Action: Stomachic, stimulant, carminative.

Capsicum Fluid Extract.
Doses: H. 6-15.; D. 0.1-1.0.
Action: Stomachic, stimulant, carminative.

Carbo Animalis (Animal Charcoal.)
Doses: Ad lib.
Action: Absorbent, used in drying powders.

Carbo Ligni. (Wood Charcoal.)
Doses: H. 16-32.; C. 32-64.; D. 1.0-2.65.
Action: Disinfectant, internal antiseptic, deodorizer.

Carbolic Acid.
Doses: H. & C. 2-5.; S. 0.5-0.8.; D. 0.1-0.5.
Action: Antiseptic, antiferment.

Cascara Sagrada. (Powder.)
Dose: D. 0.2-0.8.
Action: Laxative.

Cascara Sagrada Fluid Extract.
Dose: D. 2-10.
Action: Laxative.

Catechu.
Doses: H. 4-12.; C. 8-24.; D. 0.32-1.0.
Action: Astringent.

Cascarilla Cortex.

Doses: H. 10-30.; C. 20-40.; D. 0.5-1.0.; calves 5-16.; P. 4-12.
Action: Stomachic, astringent, carminative.

Catechu Extract.

Doses: H. 5-20.; C. 20-30.; S. 10-15.; P. 2-4.; D. 0.5-1.0.
Action: Astringent, tonic.

Catechu Tincture.

Doses: H. 20-60.; C. 30-80.; S. 2-4.; D. 0.5-2.0.
Action: Astringent, tonic.

Cera Alba (White wax.)

Used in making ointments.

Cera Flava (Yellow wax)

Used in making ointments.

Ceratum Resini (Basilicon ointment.)

Used externally.

Chenopodium (American worm-seed.)

See Oleum Chenopodium.

Chloral (Chloral Hydrate.)

Doses: H. 15-60.; C. 20-60.; S. & P. 2-8.; D. 0.4-1.0.
Action: Analgesic, antiseptic, hypnotic.

Chloroformum (Chloroform.)

Doses: (Per Os.) H. 30-60.; C. 30-90.; S. & P. 15-30.; D. 0.2-0.8. (Inhalation) H. 60-500.; D. 15-30.
Action: Anæsthetic, anodyne, antispasmodic.

Chloroformum Aqua.

Dose: D. 10-30.
Action: Anodyne, antispasmodic.

Chloroformum Emulsion.

Dose: D. 5-15.
Action: Anodyne, antispasmodic.

Chloroformum Spiritus.
Doses: H. 30.; C. 60.; S. & P. 10-30.; D. 2-8.
Action: Anodyne, antispasmodic.

Cimicifuga (Black snake root.)
Doses: H. 10-30.; D. 0.5-1.0.
Action: Heart stimulant, antirheumatic.

Cimicifuga Radix Fluid Extract
Doses: H. 30-90.; D. 0.6-4.0.; C. 30-120.
Action: Antirheumatic, antispasmodic, cardiac stimulant.

Cinchona Cortex.
Doses: H. 10-15.; C. 30-60.; S. & P. 5-10.; D. 1-2.
Action: Stomachic, antiperiodic, antipyretic.

Cinchona Extract.
Doses: H. 1-8.; D. 0.1-0.8.
Action: Antipyretic, stomachic.

Cinchona Tincture.
Doses: H. 30-60.; C. 60-120.; D. 4-8.
Action: Antiseptic, antiperiodic, antipyretic, bitter tonic.

Cinchona Fluid Extract.
Doses: H. 10-35.; C. 30-60.; D. 0.8-4.0.
Action: Antiseptic, antipyretic, stomachic.

Cinnamomum Cortex.
Doses: H. 15-30.; C. 20-60.; D. 2-4.
Action: Stomachic, carminative.

Coca Fluid Extract.
Doses: H. 30-60.; C. 60-90.; D. 0.2-2.0.
Action: Glandular and general stimulant.

Cocaine Hydrochloras. (Cocaine hydrochlorate.)
Used in 5 per cent. to 10 per cent. solution.
Action: Local anaesthetic.

Collodium (Collodion.)

Used externally to cover wounds.

Colchicum Radix Tincture.

Doses: H. 2-4.; C. 15-45.; D. 1.00-2.00.
Action: Diuretic, antirheumatic.

Colchicum Seminis Tincture.

Doses: H. 4-8.; C. 15-40.; D. 1-2.
Action: Diuretic, antirheumatic.

Colchicum Radix Fluid Extract.

Doses: H. 4-8.; C. 8-12.; S. & P. 0.5-1.0.; D. 0.05-0.8.
Action: Diuretic, antirheumatic.

Colchicum Seminis. Fluid Extract.

Doses: H. 2-4.; C. 4-8.; D. 0.065-0.25.
Action: Diuretic, antirheumatic.

Colchicum Seminis.

Doses: H. 2-4.; C. 5-10.; S. 0.8-1.0.; D. & P. 0.2-0.5.
Action: Diuretic, antirheumatic.

Conium (Hemlock.)

Doses: H. 15-60.; C. 30-90.; D. 2-8.
Action: Antispasmodic, sedative.

Creolinum (Creolin.)

Doses: H. 8-32.; C. 30-60.; D. 0.5-1.5.; S. & P. 2-10.
Action: Disinfectant, antiseptic, parasiticide, vermifuge.

Creosotum (Creosote.)

Doses: H. 1-2.; C. 2-4.; S. & P. 0.5-1.0.; D. 0.05-0.1.
Action: Internal and external antiseptic.

Cupri Arsenitis (Copper arsenite.)

Dose: H. 0.1-0.5.
Action: Tonic, astringent.

Cupri Sulphas (Copper sulphate.)

Doses: (Tonic) H. 2-6.; C. 4-12.; S. 1-2.; P. 0.2-0.8. (Emetic) D. 0.5-1.0.; P. 0.8-1.5.
Action: Emetic, tonic, astringent.

Digitalis Folia (Foxglove leaves.)

Doses: H. 1-2.; C. 2-4.; S. & P. 0.4-0.8.; D. 0.05-0.2.
Action: Cardiac stimulant, diuretic.

Digitalis Extract Fluid.

Doses: H. 1-4.; C. 4-8.; D. 0.05-0.1.
Action: Cardiac stimulant, diuretic.

Digitalis Extract.

Doses: H. 0.8-2.0.; C. 1-4; D. 0.05-0.2.
Action: Cardiac stimulant, diuretic.

Digitalis Tincture.

Doses: H. 10-30.; C. 30-60.; D. 0.1-1.0.
Action: Cardiac stimulant, diuretic.

Digitalin.

Doses: H. 0.1-0.2.; C. 0.1-0.5.; D. 0.001-0.005.
Action: Cardiac stimulant, diuretic.

Elaterinum (Elaterinum.)

Doses: H. 0.03-0.13.; C. 0.13-0.18.; D. 0.003-0.006.
Action: Drastic purgative.

Epsom Salts.

See Magnesium Sulphate.

Ergota (Ergot of rye.)

Doses: H. 15-30.; C. 30-90.; D. 2-4.
Action: Ecbolic.

Ergota Fluid Extract.

Doses: H. 20-40.; C. 30-60.; P. 2-8.; D. 2-6.
Action: Ecbolic.

Ergotin.

Doses: H. 5-10.; C. 10-15.; D. 0.5-2.0.
Action: Ecbolic.

Ergot Infusion.

Doses: H. 60-250.; C. 120-320.; D. 15-30.
Action: Ecbolic.

Ether Nitrous Spirits.

Doses: H. 15-40.; C. 30-90.; S. 10-15.; D. 1-4.
Action: Stimulant, diuretic.

Eucalyptus Oleum (Eucalyptus Oil.)

Doses: H. 2-8.; C. 5-15.; D. 0.2-0.6.
Action: Antiseptic, stimulant, counter-irritant.

Eucalyptol.

Doses: H. & C. 5-30.; D. 0.5-2.0.
Action: Internal antiseptic, irritant.

Exalgine.

Doses: D. 0.1 increase to 0.3 in ten days.
Action: Nerve sedative

Ferri Arsenas (Iron arsenate.)

Doses: H. 0.06-0.09.; C. 0.09-0.2.; D. 0.006.
Action: Alterative, tonic.

Ferri Chloridum Tincture.

Doses: H. 10-30.; S. & P. 1-2.; C. 20-40.; D. 0.2-1.0.
Action: Tonic, astringent, styptic.

Ferri Carbonas Saccharatus.

Doses: H. 4-12.; C. 8-16.; S. & P. 0.4-0.8.; D. 0.2-0.8.
Action: Tonic, astringent.

Ferri Oxydum Hydratum.

Doses: H. 30-120.; C. 60-300.; D. 10-20.
Action: Antidote for arsenic poisoning. (Should be freshly made when used.)

Ferri Phosphas.

Doses: H. 4-10.; C. 4-12.; S. 1-2.; D. 0.5-0.8.; P. 0.5-10.
Action: Tonic to bones and blood.

Ferri Sulphas.

Doses: H. 2-4.; C. 4-8.; S. 0.8-2.0.; P. 0.5-1.0.; D. 0.2-0.8.
Action: Tonic, vermifuge.

Ferri Dialysatum.

Doses: H. 15-60.; D. 2-8.
Action: Tonic.

Ferri et Quinini Citras.

Doses: D. 0.2-0.5.
Action: Tonic.

Felix Mas (Male fern.)

Doses: H. 60-200.; C. 120-250.; D. 10-15.; S. 60-100.; cat 1-4.
Action: Anthelmintic.

Felix Mas Oleoresin.

Doses: H. 30.; D. 0.8-2.0.
Action: Anthelmintic.

Felix Mas Fluid Extract.

Doses: H. 15-30.; C. 20-40.; D. 1-4.
Action: Anthelmintic.

Galla Tincture. (Nut galls.)

Doses: H. 40-60.; C. 60-120.; D. 4-8.
Action: Astringent.

Gamboge.

Doses: C. 15-30.; S. 1-2.
Action: Drastic purgative.

Gelseminum Tincture.

Doses: H. 10-20.; C. 20-40.; D. 0.1-0.8-2.0.
Action: Nerve sedative, antispasmodic.

Gentiana. (Gentian root.)
Doses: H. 15-30.; C. 30-60.; S. 4-12.; P. 2-4.; D. 0.5-1.0.
Action: Bitter tonic.

Gentiana Fluid Extract.
Doses: H. 15-40.; C. 30-60.; S. 10-15.; P. 4-13.; D. 1-4.
Action: Bitter tonic.

Gentiana Tincture Comp.
Doses: H. 30-120.; D. 1-4.
Action: Bitter tonic.

Glauber Salts.
See Sodii Sulphas.

Glycerinum. (Glycerine.)
Doses: H. 30-60.; C. 120-250.; D. 1-4.
Action: Demulcent, evacuant, excipient.

Glycyrrhizæ. (Licorice Root.)
Doses: H. 15-30.; C. 30-60.; D. 1-4.
Action: Expectorant, used in electuaries.

Guiacum Tincture.
Doses: H. 30-90.; C. 60-120.; D. 1-4.
Action: Diaphoretic, expectorant, alterative.

Gelsemium Fluid Extract.
Doses: H. 5-15.; C. 10-12.; D. 0.1-0.8.
Action: Nerve sedative, antispasmodic.

Hammelis Fluid Extract. (Witch-hazel.)
Doses: D. 2-8.
Action: Astringent, hemostatic, used externally.

Hydrargyri chloridum corrosivum. (Bichloride of mercury.)
Doses: H. 0.13-0.53.; C. 0.26-0.65.; D. 0.00324-0.00648.
Action: Corrosive, disinfectant. Tonic. Alterative.

Hydrargyri chloridum mite. (Calomel.)
Doses: H. 4-8.; C. 0.65-4.0.; D. 0.065-026.; S. & P. 0.5-2.0.
Action: Cathartic, vermifuge, febrifuge, antiseptic.

Hydrargyri cum creta. (Gray powder.)
Doses: Foals 0.5-1.0.; D. 0.001-0.02.; P. 0.6-1.0.
Action: Alterative, laxative.

Hydrargyri iodidi rubrum.
Used externally as an absorbent, irritant.

Hydrargyri massa. (Blue mass.)
Doses: D. 0.1-1.0.
Action: Cholagogue, laxative, alterative.

Hydrastis. (Golden seal.)
Doses: H. 2-8.; C. 4-12.; D. 0.2-0.6.
Action: Vesicant, ecbolic.

Hydrastis Fluid Extract.
Doses: H. 10-30.; C. 30-60.; D. 0.2-2.0.; S. 5-10.
Action: Alterative, ecbolic.

Hydrastine Hydrochloras.
Doses: H. 2-15.; C. 10-20.; D. 0.06-0.5.
Action: Ecbolic.

Hyoscyamus Fluid Extract.
Doses: H. 10-30.; C. 10-35.; D. 0.2-1.0.
Action: Antispasmodic, anodyne.

Hyoscyamus Tincture.
Doses: D. 1-4.
Action: Antispasmodic, anodyne.

Hydrocyanic Acid. (Dilute.)
Doses: H. 1-8.; C. 3-10.; S. 0.8-1.0.; P. 0.1-0.4.; D. 0.05-0.2.
Action: Sedative.

Iodoformum. (Iodoform.)
Doses: H. 1-2.; C. 1-3.; D. 0.06-0.19.
Action: Antiseptic, used mostly externally.

Ipecacuanha. (Ipecac.)

Doses: H. 4-16.; C. 8-16.; D. 0.65-2.0.; P. 1.5-2.5.
Action: Expectorant, emetic.

Iodum. (Iodine.)

Doses: H. 1-4.; C. 2-6.; S. 0.8-2.0.; P. 0.5-1.0.; D. 0.1-0.8.
Action: Internally in diabetes, antiseptic, alterative, stimulant.

Jalapa. (Jalap.)

Dose: D. 2.00-8.00.
Action: Drastic purgative.

Juniper Berries.

Doses: H. 30-90.; C. 60-100.
Action: Stomachic, diuretic.

Kamala.

Doses: H. 30-60.; D. 5-10.
Action: Anthelmintic.

Kino.

Doses: H. 4-12.; C. 10-24.; D. 0.3-1.0.
Action: Astringent.

Kino Tincture.

Doses: H. 30-120.; C. 60-120.; S. & P. 4-8.; D. 0.6-2.0.
Action: Astringent internally.

Kousso.

Dose: D. 5-10.
Action: Anthelmintic.

Linimentum Ammoniæ.

Solution ammonia one part; olive oil three parts. For local use externally.

Linimentum Calcis.

Solution of lime one part and olive oil three parts. Used locally externally.

Linimentum Camphoræ.
Camphor one part; alcohol q. s.; olive oil 4 parts.
For external use.

Linimentum Chloroformi.
Chloroform 1 part; camphor liniment 1 part.
For local use.

Linimentum Saponis.
Used as vehicle for other liniments.

Linimentum saponis mollis.
Used externally as a vehicle.

Linimentum Terebinthinæ.
Soft soap 2 parts; aqua dest. 2 parts; camphoræ 1 part; olei terebinthinæ 10 parts.
Used externally.

Linum. (Linseed-flaxseed.)
Doses: Ad lib.
Action: Nutrient and laxative.

Liquor ammonii acetatis.
Doses: H. 60-120.; C. 60-120.; D. 5-15.
Action: Diuretic, diaphoretic.

Liquor arsenii et hydrargyri iodidi (Donovan's Sol.)
Doses: See arsenic, Donovan's solution.

Liquor calcis. (Lime water.)
Doses: H. 60-150.; C. 120-200.; D. 5-15.
Action: Antacid.

Liquor ferri sub-sulphatis. (Monsel's solution.)
Doses: H. 4-8.; C. 4-12.; D. 0.32-0.65.
Action: Astringent, tonic.

Liquor ferri tersulphatis. (Sol. ferric sulphate.)
Doses: H. 4-8.; C. 4-12.; D. 0.32-0.65.
Action: Astringent, tonic.

Liquor iodi compositus. (Lugol's solution.)
Doses: H. 4-8.; C. 10-20.; D. 0.13-0.65.
Action: Internal antiseptic, alterative, absorbent.

Liquor Plumbi subacetatis. (Goulard's extract.)
Used externally.

Liquor potassi arsenitis. (Fowler's solution.)
Doses: See arsenic. Fowler's solution.

Liquor sodæ chlorinatæ. (Labarraque's solution.)
Doses: H. 5-15.; C. 5-20.; D. 0.65-1.32.
Action: Antiseptic, antacid, stimulant.

Liquor sodii arsenitis. (Pearson's solution.)
Doses: H. 5-15.; C. 10-30.; D. 0.13-0.65.
Action: Alterative, tonic.

Lobelia Tincture.
Dose: D. 2-4.
Action: Emetic, nauseant, expectorant.

Lobelia Fluid Extract.
Doses: H. 5-30.; C. 20-40.; D. 0.05-1.0.
Action: Emetic, nauseant, expectorant.

Lycopodium.
Used externally as a dusting powder.

Magnesii sulphas. (Epsom salts.)
Doses: H. 100-250.; C. 500-1000.; D. 5-20.; S. & P. 25-100.
Action: Hydragogue, cathartic, diuretic, febrifuge.

Marsh Mallow. (Althæ Radix.)
Doses: Ad lib.
Action: Demulcent, used in powders.

Mel. (Honey.)
Doses: Ad lib.
Used as a vehicle in electuaries.

Menthæ piperitæ.
See oleum piperitæ.

Methyl chloridum. (Methyl chloride.)
Used as a local anæsthetic in form of spray.

Misturæ cretæ. (Chalk mixture.)
Doses: H. 30-120.; C. 60-200.; D. 5-10.
Action: Mechanical agent in diarrhœa.

Morphine sulphas.
Doses: H. 0.2-0.8.; C. 0.5-0.8.; D. 0.002-0.05.; S. 0.002-0.05.; (Anæsthetic) D. 0.002-0.2.
Action: Anodyne, anæsthetic, narcotic, analgesic.

Mucilago acacia.
Used as a vehicle.

Mucilago tragicanthæ.
Doses: Ad lib.
Used as an excipient for other drugs.

Myrrha. (Gum.)
Doses: H. 8.00.; C. 8-16.; S. & P. 2-4.; D. 0.5-1.0.
Action: Antiseptic, deodorant, stimulant.

Myrrha Tincture.
Doses: H. & C. 10-25.; S. & P. 5-10.; D. 1-5.
Action: Antiseptic, deodorant, stimulant.

Naphthalin.
Doses: H. 4-12.; C. 10-15.; S. 0.5-1.0.; D. 0.1-1.0.
Action: Antiseptic, antiferment, expectorant.

Naphthol.
Doses: One-half that of Naphthalin.
Action: Antiseptic.

Nitroglycerin. (Glonoin.)
Doses: H. 0.05-0.1.; D. 0.001-0.002.
Action: Heart stimulant.

Nux vomica seminis.
Doses: H. 2-4.; C. 4-8.; S. 0.8-2.0.; D. 0.05-0.2.; P. 0.8-1.0.
Action: Gastric tonic, nerve tonic, stimulant.

Nux vomica Extract.

Doses: H. 1-2.; C. 2-4.; S. 0.1-0.5.; P. 0.02-0.2.; D. 0.008-0.1.
Action: General tonic.

Nux vomica fluid extract.

Doses: H. 2-4.; C. 4-8.; S. 0.8-2.0.; P. 0.5-1.0.; D. 0.02-0.2.
Action: Gastric and nerve tonic, stimulant.

Nux vomica tincture.

Doses: H. 10-30.; C. 15-30.; D. 0.3-1.3.
Action: Gastric and nerve tonic.

Oak Bark. (Quercus Cortex.)

Doses: H. 5-15.; C. 15-40.; D. 0.8-2.0.; S. & P. 2-8.
Action: Astringent, tonic.

Oleum adepis. (Lard oil.)

Doses: H. 250-500.; C. 500-1000.; D. 10-30.
Action: Laxative.

Oleum amygdalæ amaræ.

Doses: H. 0.65-2.00.; C. 2-4.; D. 0.065-0.13.
Action: Antiseptic and analgesic.

Oleum cadinum. (Oil of cade.)

Doses: H. 4-8.; C. 10-15.; D. 0.3-0.6.
Action: Antiseptic, diuretic.

Oleum camphoræ. (Camphor oil.)

Stimulant.

Oleum copaibæ.

Doses: H. 10-15.; C. 15-30.; D. 0.65-2.0.
Action: Alterative, diuretic.

Oleum diptero carpi. (Wood oil.)

Dose: D. 0.65-2.00.
Action: Stimulant, diuretic, laxative.

Oleum gaultheria. (Oil wintergreen.)
Doses: H. 1.32-2.00.; C. 2.00-3.00.; D. 0.2-0.3.
Action: Internal antiseptic.

Oleum gossypii seminis. (Cotton seed oil.)
Doses: H. 250-500.; C. 500-1000.; D. 30-60.
Action: Laxative.

Oleum lini. (Linseed oil.)
Doses: H. 500-700.; C. 500-1000.; D. 20-60.
Action: Laxative.

Oleum menthæ piperitæ. (Peppermint oil.)
Doses: H. 1.00-2.00.; C. 1.00-2.00.; D. 0.18-0.32.
Action: Internal antiseptic, antiferment.

Oleum morrhuæ. (Cod liver oil.)
Doses: H. 60-90.; C. 60-150.; D. 5-15.
Action: Nutrient, alterative.

Oleum Myricæ. (Oil of bay.)
Used externally.

Oleum olivæ.
Doses: H. 250-500.; C. 500-1000.; D. 30-60.
Action: Laxative, emollient.

Oleum picis liquidæ. (Oil tar.)
Doses: H. 15-30.; C. 20-35.; D. 2.00-4.00.
Action: Expectorant and parasiticide.

Oleum ricini. (Castor oil.)
Doses: H. 250-500.; C. 500-1000.; D. 15-60.
Action: Laxative.

Oleum terebinthinæ.
Doses: H. 15-60.; C. 30-60.; D. 0.5-2.0.; S. & P. 5-10.
Action: Stimulant, alterative, diuretic, carminative, anthelmintic.

Oleum sabina. (Savine.)
Doses: H. 5-15.; C. 10-15.; D. 0.06-0.3.
Action: Anthelmintic.

Oleum theobromatis. (Butter cacao.)
Used for making suppositories.

Oleum tiglii. (Croton oil.)
Doses: H. 0.65-1.45.; C.2-8.; D.0.06-0.18.
Action: Drastic purgative.

Opium.
Doses: H. 2-8.; C. 6-12.; D. 0.05-0.8.; P. 0.2-0.8.
Action: Anodyne, antispasmodic, narcotic.

Opium Extract.
Doses: One-third less than the powdered opium.
Action: Anodyne, antispasmodic, narcotic.

Opium Tincture.
Doses: H. 30-60.; C. 30-90.; D. 0.2-2.0.; S. & P. 2-4.
Action: Anodyne, antispasmodic, narcotic.

Opium et ipecac. (Dovers powders.)
Doses: H. 5-10.; C. 10-20.; D. 0.2-0.8.; S. 2-4.
Action: Diaphoretic, expectorant.

Opium acetum.
Doses: Same as the tincture.
Action: Analgesic, hypnotic, antispasmodic.

Opium vinum.
Dose: Same as the tincture.
Action: Anodyne, antispasmodic, diaphoretic.

Pancreatinum. (Pancreatine.)
Dose: D. 0.32-1.00.
Action: Tonic to the digestive tract.

Pepo. (Pumpkin seed.)
Dose: D. 15-60.
Action: Anthelmintic.

Pepsinum. (Pepsin.)
Dose: D. 0.13-0.65.
Action: Tonic to the stomach with HCl.

Pepsinum saccharatum.
Dose: D. 0.65-2.65.
Action: Digestive tonic.

Petrolatum liquidum. (Liquid petroleum.)
Used as a vehicle for other drugs.

Petroleum molle. (Soft petroleum.)
Used in ointments.

Petroleum spissum. (Hard petroleum.)
Used in ointments.

Phenacetum. (Phenacetin.)
Doses: H. 3-9.; C. 5-10.; D. 0.2-1.0.
Action: Anodyne, antipyretic.

Phosphorus.
Doses: H. 0.05-0.3.; C. 0.1-0.5.; D. 0.002-0.016.
Action: Nerve stimulant and tonic.

Physostigminæ Tincture.
Doses: H. 0.32-0.65.; C. 0.65-1.0.; D. 0.032-0.13.
Action: Nerve sedative, cathartic, myotic.

Physostigminæ salicylas.
Doses: H. 0.065-0.13.; C. 0.1-0.2.; D. 0.0006-0.002.
Action: Cathartic.

Physostigminæ sulphas.
Doses: Same as the salicyllate.
Action: Cathartic.

Phytolaccæ radix.
Dose: D. 0.32-2.0.
Action: Purgative.

Phytolaccæ radix fluid extract.

Doses: H. 10-30.; C. 20-60.; D. 0.2-2.0.; S. 4-9.; P. 1-4.

Action: Purgative, used also externally.

Pilocarpus. (Jaborandi.)

Doses: H. 10-15.; C. 10-25.; D. 2-4.; S. & P. 2-6.

Action: Sialagogue, sudorific.

Pylocarpinæ hydrochloras.

Doses: H. 0.1-0.3.; C. 0.2-0.4.; D. 0.008-0.016.

Action: Sialagogue, sudorific.

Pilocarpus fluid extract.

Doses: H. 10-25.; C. 15-35.; D. 1-4.

Action: Sialagogue, sudorific.

Pix liquida. (Tar.)

Doses: H. 20-60.; C. 60-90.; D. 1.0-4.0.

Action: Antiseptic, deodorant, also used externally.

Plumbi acetas. (Sugar of lead.)

Doses: H. 2-4.; C. 4-8.; D. 0.06-0.12.

Action: Astringent, hemostatic.

Podophyllum. (May apple.)

Doses: H. 4-8.; C. 5-10.; D. 0.06-0.15.

Action: Hepatic stimulant, cathartic, emetic.

Potassi bicarbonas.

Doses: H. 10-25.; C. 15-30.; D. 0.2-1.0.; S. 2-4.; P. 1-4.

Action: Antacid, stomachic, diuretic.

Potassi bitartras.

Doses: H. 60-120.; C. 60-120.; D. 1-3.

Action: Laxative, diuretic.

Potassi bromidum.

Dose and action: See bromide potassium.

Potassi chloras.

Doses: H. 2-16.; C. 10-20.; D. 0.32-1.
Action: Ferbifuge, antacid, antiseptic, diuretic.

Potassi et sodæ tartras. (Rochelle salts.

Doses: H. 250-500.; C. 500-1000.; D. 15-30.
Action: Laxative, diuretic.

Potassi iodidum.

Doses: H. 10-20.; C. 12-25.; D. 0.1-0.8.; S. & P. 0.8-2.0.
Action: Absorbent, diuretic.

Potassi nitras.

Doses: H. 5-30.; C. 30-90.; D. 0.5-0.1.
Action: Diuretic, refrigerant, febrifuge.

Potassi permanganas.

Doses: H. 2-6.; C. 4-6.; D. 0.05-0.2.; P. 0.2-0.4.
Action: Antiseptic, disinfectant, deodorizer.

Potassi acetas.

Doses: H. 5-15.; C. 15-25.; S. & P. 1-4.; D. 0.1-1.0.
Action: Diuretic.

Potassi citras.

Doses: Same as the acetate.
Action: Diuretic, diaphoretic.

Potassi sulphas.

Doses: H. 10-30.; C. 15-40.; D. 0.2-2.0.; P. 1-4.
Action: Diuretic, hepatic stimulant.

Prunus virginiana. (Wild cherry.)

Dose: D. 1-4.
Action: Expectorant.

Quassia lignum infusion.

Doses: H. 120-180.; C. 150-200.; D. 2-10.
Action: Stomachic, tonic, parasiticide.

Quassia lignum extract.
Doses: H. 1-4.; D. 0.1-0.5.
Action: Tonic, stomachic.

Quassia fluid extract.
Doses: H. 15-30.; C. 30-60.; D. 0.2-2.0.
Action: Tonic, stomachic.

Quercus alba.
See oak bark.

Quinina. (Quinine.)
Doses: H. 1-2.; C. 2-4.; D. 0.2-0.6.
Action: Antipyretic, antiseptic.

Quinine hydrochloras.
Doses: H. 2-4.; C. 5-10.; D. 0.065-0.65.
Action: Antipyretic, tonic.

Quinine sulphas.
Doses: Same as the hydrochlorate.
Action: Antipyretic, tonic.

Quinine hydrobromas.
Doses: Same as the hydrochlorate.
Action: Antiperiodic, tonic.

Resina. (Resin.)
Doses: H. 8-15.; C. 10-20.; D. 0.6-2.0.
Action: Stimulant, astringent, diuretic.

Resorcinum. (Resorcin.)
Dose: D. 0.065-0.05.
Action: Internal and external antiseptic.

Rhamnus purshiana. (Cascara sagrada.)
Doses: See cascara sagrada.
Action: Cathartic.

Rheum. (Rhubarb.)
Doses: H. 15-30.; C. 30-60.; D. 0.6-1.5.
Action: Stomachic, astringent, purgative.

Rheum fluid extract.
Dose: D. 0.8-12.0.
Action: Astringent, purgative.

Rheum aromatic tincture.
Doses: H. 30-60.; C. 60-90.; D. 2-4.; S. 15-30.
Action: Astringent, purgative.

Salicinum. (Salicin.)
Doses: H. 2-8.; C. 5-13.; D. 0.2-1.0.
Action: Internal antiseptic, anti-rheumatic.

Salicylic acid.
Doses: H. 10-20.; C. 15-30.; S. 4-8.; D. 0.4-1.0.; Goats 4-8.
Action: Antipyretic, anti-rheumatic, antiferment.

Salicylate soda.
Doses: Same as the salicylic acid.
Action: Antipyretic, anti-rheumatic, antiferment.

Salol.
Doses: H. 10-15.; C. 15-30.; D. 0.2-1.0.; S. 4-8.; P. 2-3.
Action: Antiseptic, anti-rheumatic.

Sanguinaria. (Blood root.)
Doses: H. 4-13.; C. 10-15.; D. 0.5-1.0.
Action: Expectorant, emetic.

Santoninum. (Santonin.)
Doses: H. 1.32-2.65.; D. 0.13-0.45.
Action: Anthelmintic.

Scilla. (Squills.)
Doses: H. 2-4.; C. 2-6.; D. 0.13-0.32.
Action: Stimulant, expectorant, emetic.

Serpentaria. (Virginia snake-root.)
Dose: D. 0.65-1.32.
Action: Stimulant, diuretic, tonic.

Sodii bicarbonas.
Doses: H. 15-120.; C. 15-120.; D. 0.5-2.50.
Action: Stomachic ,diuretic.

Sodii boras. (Borax.)
Doses: H. 8-12.; C. 15-26.; D. 0.65-1.32.
Action: Antiseptic, used externally.

Sodium hypophosphate.
Doses: H. 10-30.; C. 15-35.; D. 0.6-1.5.
Action: Antiseptic, alterative.

Sodii hyposulphite.
Doses: H. 15-120.; C. 30-60.; D. 0.65-4.0.
Action: Antiferment, alterative.

Sodii carbonas.
Doses: H. 2-8.; C. 5-15.; D. 0.1-0.4.; P. 0.3-0.8.
Action: Antiferment.

Sodii nitras.
Doses: Same as the potassium nitras.
Action: Diuretic.

Sodii sulphas. (Glauber salts.)
Doses: H. 120-500.; C. 500-700.; D. 2-10.
Action: Laxative, diuretic.

Spiritus ætheris.
Doses: H. 30-60.; C. 60-130.; D. 1.0-4.0.
Action: Stimulant, anodyne, anæsthetic.

Spiritus ætheris comp. (Hoffman's anodyne.)
Doses: H. 5-15.; C. 10-25.; D. 0.32-4.0.
Action: Analgesic, stimulant.

Spiritus frumenti. (Whiskey.)
Doses: H. 30-150.; C. 150-300.; D. 5-15.
Action: Stimulant, diuretic, antispasmodic.

Spiritus vini gallici. (Brandy.)
Doses: H. 30-150.; C. 150-300.; D. 5-15.
Acton: Stimulant, antispasmodic.

Staphisagris. (Staves acre.)

Doses: Used externally for lice, etc.

Stropanthus tincture.

Doses: H. 5-10.; C. 10-15.; D. 0.05-0.5.
Action: Cardiac tonic and stimulant.

Strychnina. (Strychnine.)

Doses: H. 0.032-0.65.; C. 0.065-0.18.; D. 0.00104-0.00302.
Action: Nerve stimulant, tonic and stomachic.

Strichnine sulphas.

Doses: same as strichnina.
Action: Nerve stimulant, tonic and stomachic.

Sulphur precipitatum.

Doses: H. 10-120.; C. 15-180.; D. 0.05-15.; S. & P. 5-30.
Action: Laxative, alterative.

Syrupi acaciæ.

Used as a vehicle.

Syrupi auranti.

Used as a vehicle.

Syrupi ipecacuanhæ.

Dose: D. 0.32-8.0.
Action: Emetic, expectorant, cholagogue.

Syrupi pruni Virginianæ.

Dose: D. 2-4.
Action: Expectorant.

Syrupi rhei.

Dose: D. 5-15.
Action: Stomachic, purgative.

Syrupi scillæ.

Doses: H. 15-30.; D. 0.6-1.5.
Action: Expectorant.

Syrupi senegæ.

Dose: D. 4-10.
Action: Stimulant, expectorant.

Syrupi tolutanus.

Dose: D. 15-30.
Action: Expectorant.

Syrupi zingiberis.

Dose: D. 2-10.
Action: Stomachic, carminative.

Tabacum. (Tobacco.)

Doses: H. 2-4.; C. 5-10.; D. 0.13-0.4.
Action: Stomachic, motor depressant.

Terpin hydrate.

Doses: H. 8-15.; C. 15-30.; D. 1-3.
Action: Internal antiseptic.

Terebinthinæ.

Doses: H. 15-40.; C. 30-80.; D. 0.5-10.; S. 5-10.; P.
Action: Anthelmintic. stimulant, styptic, diuretic.

Thymol.

Doses: H. 0.32-1. 32-1.32.; C. 0.65-4.0.; D. 0.04-1.06:
Action: Diuretic, antiseptic, anthelmintic.

Tannic Acid.

Doses: H. 2-10.; C. 5-20.; D. 0.1-1.0.; S. & P. 1-5.
Action: Astringent.

Uva Ursi.

Doses: H. 15-30.; C. 20-40.; D. 1-3.
Action: Diuretic, astringent, disinfectant.

Veratrum Viride.

Doses: H. 2-4.; C. 2-6.; D. 0.1-0.2.
Action: Motor depressant.

Veratrum Viride Fluid Extract.
Doses: H. 1-4.; C. 2-6.; D. 0.1-0.4.
Action: Motor depressant.

Veratrum Viride Tincture.
Doses: H. 2-8.; C. 5-10.; D. 0.1-0.6.
Action: Motor depressant.

Viburnum Opulus. (Black haw.)
Doses: H. 30-120.; C. 60-120.; D. 1-2.
Action: Ecbolic.

Wild Cherry.
See prunus virgin.

Zinci Chloridum.
Used externally as a caustic.

Zinci Oxidum.
Doses: H. 2-12.; C. 5-15.; D. 0.065-0.40.
Action: Tonic, astringent.

Zinci Sulphas.
Doses: H. 2-12.; C. 5-15.; D. 0.065-0.18.
Action: Astringent, tonic, emetic.

Zingiber. (Ginger.)
Doses: H. 15-30.; C. 30-60.; D. 0.65-1.32.
Action: Tonic, stomachic, stimulant.

INCOMPATIBILITY.

Incompatibility is that condition produced by bringing together substances which result in (1) **chemical** decomposition, (2) **pharmaceutical** dissociation, or (3) **therapeutic** opposition.

CHEMICAL DECOMPOSITION.

That form of incompatibility where an alteration in the chemical composition of drugs takes place when they are mixed.

The most common forms of chemical incompatibility are:—

1. Precipitation of an insoluble salt, by adding one solution of a salt to another.

2. By decomposition of a salt in solution, containing a base united with a weak or volatile acid, by the addition of a stronger acid.

3. By precipitation of alkaloidal salts by adding, to their solutions, alkalies or salts, thus producing insoluble compounds. This is a dangerous form of incompatibility, as the alkaloidal salts of strychnins, morphine, etc., are poisonous and largely employed in medicine.

4. By unsightly discoloration and precipitation, produced by mixing ferric salts or their solutions with some form of tannin.

5. By decomposition of a solid substance in solution, without precipitation, by the formation of products which may or may not be soluble in the liquid.

PHARMACEUTICAL INCOMPATIBILITY.

This is that condition arising from the admixture of pharmaceutical preparations which causes physical dissociation of one or more of the constituents, but not a chemical change. This form is divided into two varieties, viz.:—

1. That resulting in the separation of active and important ingredients.

2. That resulting in the precipitation of inert constituents.

THERAPEUTIC INCOMPATIBILITY.

This is that form which consists of the union of drugs that are physiologically antagonistic; for instance, the administration of aconite and digitalis together or any combination of drugs that oppose each other in therapeutic actions.

RULES.

The following recognized rules will act as a guide to the practitioner:—

Soluble salts which can by mutual decomposition form an insoluble compound will undergo such decomposition when they meet in solution, and wlll precipitate, unless in some very rare instances in which a double salt is formed.

Soluble salts which are not capable of forming an insoluble salt never precipitate and rarely undergo decomposition when they meet in solution.

Mineral acids decompose salts of the weaker (carbonic, acetic, etc.) acids, and form ethers with alcohol and alcoholic preparations.

Alkalies precipitate the alkaloids and the soluble nonalkaline metallic salts.

Glucosides, such as santonin and glycyrrhizin, should not be prescribed with free acids or emulsin.

Tannic acid and all substances containing it are incompatible with alkaloids and drugs containing them, with albumin and gelatin, and with most soluble metallic salts used in medicine.

Iodine and **iodides** are incompatible with the alkaloids and the substances containing them, as well as with most soluble metallic salts. The **iodide of potassium** should always be prescribed

alone, or only in combination with corrosive sublimate (with which it forms a double salt), or with iodine itself.

Tinctures and other **alcoholic preparations** containing resin precipitate the latter when water is added.

Nitrate of silver should always be prescribed alone, or in combination with opium or extract of hyoscyamus only. Most vegetable extracts decompose it, and with creosote it is said to make an explosive compound.

Corrosive sublimate is incompatible with almost everything, and should be given in simple syrup; even the compound syrup of sarsaparilla is said to decompose it.

Syrup of squill, containing acetic acid, is incompatible with carbonate of ammonium, but not with the chloride.

Acetate and **subacetate of lead** are incompatible with almost everything, but are nevertheless frequently used in lotion with opium, the insoluble compound formed being therapeutically active.

Vegetable infusions are generally incompatible with metallic salts.

PRESCRIPTIONS.

Several of the following prescriptions will be found to contain incompatible substances, the object being in a number of instances to form new chemical compounds. In other prescriptions where incompatibility exists they have been highly recommended by veterinarians who have used them with apparent good results. Hence the reason for including them with the others.

No attempt has been made in some of the prescriptions for strictly correct Pharmacopœial Latin

Constipation in Horse.

℞

Sodii sulphatis 200.00
Pulv. radicis althaeæ.....200.00
Misce et fiat pulv.

Sig:—Tablespoonful three times daily.

Cathartic for Horse.

℞

Sodii sulphatis 300.00
Aloe barbadensis 20.00
Aquæ quantum sufficiat fiat emulsio.

Sig:—Give at once.

Constipation in Cattle.

℞

Sodii sulphatis 750.00
Decoct. seminis lini.....300.00
Misce et fiat emulsio.

Sig:—Give at once.

Constipation in Sheep.

℞

Sodii sulphatis 200.00
Sodii chloridi 50.00
Aquæ cummunis 350.00
Misce et fiat solutio.
Sig:—Give at once.

Carbolic acid poisoning in Dogs.

℞

Sodii sulphatis 30.00
Aquæ destillatæ 150.00
Misce et fiat solutio.
Sig:—Give tablespoonful every ten minutes.

For Cattle—Cathartic.

℞

Sodii sulphatis 500.00
Sodii chloridi 100.00
Pulv. radicis zingiberis 60.00
Aquæ cummunis 750.00
Misce et fiat solutio.
Sig:—Give at once.

Urethral Catarrh.

℞

Zinci sulphatis 25.00
Aquæ destillatæ 500.00
Misce et fiat. solutio.
Sig:—Use small quantity once daily as injection.

Horse—Bronchitis.

℞

Flores sulphuris 25.00
Stibii sulphurati nigri 25.00
Sodii sulphatis 250.00
Pulv. radicis glycyrrhizæ
Pulv. seminis fœniculi aa100.00
Misce et fiat pulv.
Sig:—Tablespoonful three times daily.

Catarrh of stomach—Horse.

℞

Sodii sulphatis 150.00
Sodii chloridi 75.00
Pulv. seminis lini 200.00
Misce et fiat pulv.

Sig:—Tablespoonful on every feed.

Eye Wash for Animals.

℞

Sodii chloridi 2.00
Aquæ destillatæ 100.00
Misce et fiat solutio.

Sig:—Use twice daily as an eye wash.

Liniment—External Application.

℞

Sodii chloridi
Spiritus camphoræ .....aa 50.00
Tinct. Arnicæ 100.00
Aquæ destillatæ 300.00
Misce e fiat solutio.

Sig:—Apply twice daily.

Bronchitis of Horse.

℞

Ammonii chloridi 30.00
Pulv. radicis glycyrrhizæ 120.00
Pulv. seminis anisi 75.00
Misce et fiat pulv.

Sig:—Tablespoonful three times daily on feed.

Purgative for Dog.

℞

Magnesii sulphatis 5.00
Mellis 60.00
Misce et fiat solutio.

Sig:—Give in two doses 12 hours apart.

Chronic Catarrh of the Respiratory Apparatus.

℞

Ammonii chloridi 50.00
Antimonii et potassii tartaras.... 75.00
Pulv. radicis glycyrrhizæ 150.00
Misce et fiat chart. No. V.

Sig:—Give one powder every 24 hours.

Bronchial Catarrh of Pigs.

℞

Ammonii chloridi 10.00
Sodii sulphatis 50.00
Pulv. radicis glycyrrhizæ..... 45.00
Misce et fiat chart. No. V.

Sig:—Give one powder every 12 hours.

Bronchial Catarrh of Dogs.

℞

Ammonii chloridi 10.00
Fld. ext. glycyrrhizæ 60.00
Syrupi simplicis 90.00
Misce et fiat solutio.

Sig:—Give teaspoonful every six hours.

Constipation of Pigs.

℞

Magnesii sulphatis 30.00
Syrupi simplicis 60.00
Misce et fiat solutio.

Sig:—Give at once.

For External Hemorrhage.

℞

Aluminii et potassi sulphatis 5.00
Pulv. quercus corticis 25.00
Misce et fiat pulv.

Sig:—Use on wounds as strew powder.

Diarrhea of Dogs.

℞

Argentii nitratis 00.10
Glycerini 10.00
Aquæ destillatæ 150.00
Misce et fiat solutio.

Sig:—Give tablespoonful every three hours.

Burrows Solution.

℞

Aluminii et potassi sulphatis..... 5.00
Plumbi acetatis 10.00
Aquæ destillatæ 250.00
Misce et fiat mist.

Sig:—Use externally.

Conjunctivitis.

℞

Aluminii et potassii sulphatis.... 5.00
Aquæ destillatæ 250.00
Misce et fiat solutio.

Sig:—Use with eye dropper twice or three times daily.

Diarrhea of Horse.

℞

Aluminii et potassii sulphatis 20.00
Plumbii acetatis 5.00
Aquæ communis 250.00
Misce et fiat mist.

Sig:—Give 2 ounces every 6 hours

Weeping Eczema.

℞

Argentii nitratis 3.00
Aquæ destillatæ 50.00
Misce et fiat solutio.

Sig:—Apply once daily.

For Ulcerated Stomach of Horse or Dog.

℞

Argentii nitratis 00.50
Argillæ 20.00
Aquæ q. s. ft. pillulæ No. X for horse, No. XXX for dog.

Sig:—Give one pill daily.

Constipation of Cow.

℞

Magnesii sulphatis 500.00
Pulv. radicis gentianæ..... 30.00
Pulv. aloe barbadensis 10.00
Aquæ communis 750.00
Misce et fiat emulsio

Sig:—Give at once.

Wash for Conjunctivitis.

℞

Zinci sulphatis 1.00
Aquæ destillatæ 100.00
Misce et fiat solutio.

Sig:—Use twice daily with eye dropper.

Uterine Wash.

℞

Zinci sulphatis 25.00
Aquæ destillatæ 500.00
Misce et fiat solutio.

Sig:—Use with syringe.

Emetic for Pigs.

℞

Zinci sulphatis 1.00
Sacchari albi 5.00
Misce et fiat pulv.

Sig:—Give at once.

Caustic.

℞

Cupri sulphatis 30.00
Cretæ preparatæ 15.00
Misce et fiat pulv.

Sig:—Apply as strew powder for excessive granulation.

Villate's Solution.

℞

Cupri sulphatis 60.00
Zinci sulphatis 60.00
Acidi Acet. dil. 1050.00
Liquor plumbi subacetatis 120.00
Misce et fiat solutio.

Sig:—Use as injection for fistulæ, etc.

Tape Worms—Dog.

℞

Cupri oxydati 0.05
Amylis 2.00
Misce et fiat chart. No. 3.

Sig:—One powder daily.

Emetic for Pigs.

℞

Cupri sulphatis 1.00
Sacchari albi 5.00
Misce et fiat pulv.

Sig:—Give at once.

Epilepsy of Dogs.

℞

Zinci oxydati 2.50
Sacchari albi 20.00
Misce et fiat chart. No. XX.

Sig: Give one powder every 8 hours.

Airol Paste.

℞

Dermatoli
Glycerini
Gummi arabicæ .....aa 2.50
Boli 10.00
Misce.

Sig:—Apply to wound surface.

Gastric Catarrh of Dogs.

℞

Bismuthi subnitras
Sachari albi ..... aa 4.00
Misce et fiat pulv. No. X.

Sig:—Give one powder every 8 hours.

White Lotion.

℞

Plumbii acetatis 30.00
Zinci sulphatis 24.00
Aquæ destillatæ 500.00
Misce et fiat mist.

Sig:—Use externally.

Anemia of Horses.

℞

Ferri sulphatis 20.00
Sodii chloridi 250 00
Pulv. fructus juniperis 50.00
Misce et fiat pulv.

Sig:—Give tablespoonful on each feed.

Lick for Sheep.

℞

Ferri sulphatis 100.00
Sodii chloridi 1000.00
Misce et fiat pulv.

Sig:—Place where sheep can lick it.

Leukæmia of Dogs.

℞

Ferri reducti 1.00
Sacchari albi 5.00
Misce et fiat chart. No. XX
Sig:—Give one powder daily.

Diarrhea of Horses.

℞

Ferri sulphatis 15.00
Pulv. radicis althaeæ 100.00
Aquæ q. s. ft. elect.
Sig:—Give at once.

External—Caustic.

℞

Hydrargyri chloridi corrosivi 5.00
Spiritus 50.00
Misce et fiat solutio.
Sig:—Apply for spavins, ring-bones, etc., every three days.

External Caustic.

℞

Hydrargyri chloridi corrosivi..... 2.50
Collodion elast. 25.00
Misce et fiat unguentum.
Sig:—Apply every three days.

Eczema.

℞

Hydrargyri chloridi cor..... 1.00
Unguenti 100.00
Misce et fiat unguentum.
Sig:—Apply every three days.

Uterine Wash for Cattle.

℞

Hydrargyri chloridi cor..... 0.20
Aquæ destillatæ 1000.00
Misce et fiat solutio.

Sig:—Inject with syringe and after about ten minutes wash out the part with warm water.

Blister.

℞

Hydrargyri iodidi rubri 4.00
Petrolati 32.00
Misce et fiat unguentum.

Sig:—Apply every three days for ring bone and spavins.

English Spavin Cure.

℞

Hydrargyri iodidi rubri..... 30.00
Olei crotonis 2.00
Petrolati 120.00
Misce et fiat unguentum.

Sig:—Apply every four days.

Pigs—Purgative.

℞

Hydrargyri chloridi mitis..... 0.50
Sacchari albi 1.00
Misce et fiat pulv.

Sig:—Give at once.

Horse—Infectious Catarrh of Bowels.

℞

Hydrargyri chloridi mitis 5.00
Opii pulvis 8.00
Pulv. radicis althææ..... 50.00
Aquæ communis quant-suffic. fiat elect.

Sig:—Give in two doses 8 hours apart.

Intestinal Antiseptic—Dog.

℞

Hydrargyri chloridi mitis..... 0.25
Sacchari albi 2.00
Misce et fiat pulv. No. VI.

Sig:—Give one powder every 8 hours.

Horse—Influenza.

℞

Hydrargyri chloridi mitis 5.00
Pulv. radicis althaeæ..... 15.00
Aquæ quant. suffic. fiat elect.

Sig:—Give at once.

Conjunctivitis, Chronic.

℞

Hydrargyri chloridi mitis 8.00
Acidi borici 10.00
Misce et fiat pulv.

Sig:—Use once daily, blowing small quantity into the eye.

Horse—Ascarides.

℞

Acidi arsenosi 0.60
Santonini 1.00
Aloe barbadensis 30.00
Pulv. radicis althaeæ et aquæ communis quant. suffic. fiat bolus.

Sig:—Give at once.

Dog—Catarrhal Pneumonia.

℞

Antimonii et potassi tartras 1.00
Sacchari albi 10.00
Misce et fiat pulv. No. X.

Sig:—Give one powder every 12 hours.

Sheep Dip.

℞

Acidi arsenosi
Sapon mollis .....aa 2.5 lb.
Potassii carbonatis .....3.0 lbs.
Aquæ communis .....40. gal.
Misce et fiat solutio.

Sig:—Use as a dip.

Horse—Expectorant—Influenza.

℞

Antimonii et potassii tartras 30.00
Ammonii chloridi 20.00
Pulv. fructus juniperis aa100.00
Pulv. radicis glycyrrhizæ 100.00
Misce et fiat pulv.

Sig:—Give tablespoonful twice daily.

Cow—Galactagogue.

℞

Stibii sulphurati nigri
Flores sulphuris aa100.00
Pulv. fructus fœniculi
Pulv. fructus anisi .....aa 50.00
Pulv. fructus juniperis 60.00
Sodii chloridi 300.00
Misce et fiat pulv.

Sig:—Give tablespoonful on each feed.

Foal—Rachitis.

℞

Syrupi calcii lactophosphatis....240.00

Sig:—Give tablespoonful twice daily.

Dog—Rachitis.

℞

Syrupi calcii lactophosphatis....120.00

Sig:—Give teaspoonful twice daily.

Dog—Catarrhal Pneumonia.

℞

Stibii sulphurati nigri 1.50
Sacchari albi 2.00
Misce et fiat pulv. No. V.
Sig:—Give one powder twice daily.

Colts—Rachitis.

℞

Calcii phosphatis 60.00
Pulv.radicis althaeæ et glycerini quant. suffic. fiat boli . No. VI.
Sig:—Give one bolus daily.

Dog—Rachitis.

℞

Olei phosphatis 00.50
Olei olivæ 60.00
Misce et fiat emulsio
Sig:—Give teaspoonful once daily.

Disinfectant.

℞

Calcii chloridi 500.00
Aquæ communis 4000.00
Misce et fiat emulsio.
Sig:—Use in form of spray for stables, etc.

Horse—Summer Mange.

℞

Flores sulphuris 50.00
Hydrargyri chloridi mitis 5.00
Pulv. cantharis 20.00
Petrolati 400.00
Misce et fiat unguentum.
Sig:—Apply externally every three days sufficient amount to cover surface.

Dog—Epilepsy.

℞

Sodii bromidi 5.00
Sacchari albi 3.00
Misce et fiat chart. No. X.
Sig:—Give one powder daily.

Cattle—Actinomycosis.

℞

Potassi iodidi 48.00
Aquæ communis 480.00
Misce et fiat solutio.
Sig:—Give tablespoonful daily in pint of water.

Horse Diabetes Insipidus.

℞

Potassi iodidi 10.00
Iodi 5.00
Aquæ communis 500.00
Misce et fiat solutio.
Sig:—Give tablespoonful twice daily in 2 ounces of water with syringe.

Dog—Mange.

℞

Flores sulphuris 5.00
Sapon viridi 15.00
Petrolati 20.00
Misce et fiat unguentum.
Sig:—Apply sufficient to cover surface diseased.

Cattle— Milk fever.

℞

Potassii iodidi 10.00
Aquæ destillatæ 1000.00
Misce et fiat solutio
Sig:—Divide into 4 parts and inject into each quarter of udder, if necessary repeat in 12 hours.

Texas Fever Dip.

℞

Sulphur .....86 lbs.
Petroleum purified .....30 bbl.
Mix.

Sig:—Use as emulsion.

Horse—Anæmia.

℞

Flores sulphuris 50.00
Sodii chloridi 500.00
Sodii bicarbonatis 50.00
Misce et fiat pulv.

Sig:—Give tablespoonful daily.

Cattle—Lead poisoning.

℞

Sulphuris sub. 25.00
Potassii iodidi 10.00
Misce et fiat pulv. No. III.

Sig:—Give one powder daily.

Vienna Tar Liniment.

℞

Picis liquidæ
Flores sulphuris aa100.00
Sapon viridi
Spiritus aa200.00
Misce et fiat emulsio.

Sig:—Apply externally as indicated.

Cow—Metallic Poisoning.

℞

Potassii sulphatis 15.00
Aloe barbadensis 40.00
Decoct. seminis lini 500.00
Misce et fiat mist.

Sig:—Give at once.

Horse—Caustic.

℞

Acidi sulphurici 10.00
Asbestos 30.00
Misce et fiat paste.
Sig:—Apply externally.

Conjunctivitis.

℞

Acidi borici 5.00
Aquæ destillatæ 250.00
Misce et fiat solutio
Sig:—Use twice daily with medicine dropper.

Wound.

℞

Acidi borici 40.00
Creolini 5.00
Misce et fiat pulv.
Sig:—Use as strew powder.

Conjunctivitis.

℞

Cocainæ hydrochloras 00.60
Aquæ destillatæ 30.00
Misce et fiat solutio
Sig:—Use as eyewash.

Schleich's Local Anæsthetic.

℞

Cocainæ hydrochloras 0.20
Morphinæ hyrochloras 0.025
Sodii chloridi steril. 0.20
Aquæ destillatæ 100.00
Acidi carbolici (5%) .....gtt. 2
Misce et fiat solutio
Sig:—Use as injection to infiltrate the tissues locally.

Cocaine Ointment.

℞

Cocainæ hydrochloras 0.50
Adipis suillæ 10.00
Misce et fiat unguentum.

Si:—Apply as ungt.

Cocaine for Diagnostic Injection.

℞

Cocainæ hydrochloras 0.2
Aquæ destillatæ 10.00
Misce et fiat solutio

Sig:—Use as injection.

Alopyn—Local Anæsthetic.

℞

Alopyni 0.50
Aquæ distillatæ 10.00
Misce et fiat solutio

Sig:—Use as subcutaneous injection.

Horse—Influenza.

℞

Acetanilidi 75.00
Pulv. radicis althææ et glycerini quant, suffic, fiat boli. No. III.

Sig:—Give one bolus every 8 hours.

Horse—Pneumonia.

℞

Acetanilidi 100.00
Syrupi 200.00
Misce et fiat electuarium.

Sig:—Give in three doses 12 hours apart.

Dog—Distemper.

℞

Acetanilidi 0.50
Sacchari albi 1.00
Misce et fiat pulv. No. V.
Sig:—Give 8 hours apart.

Wounds.

℞

Acetanilidi 5.00
Pulv. quercus corticis 10.00
Misce et fiat pulv.
Sig:—Use as strew powder.

Horse—Septicæmia.

℞

Antipyrini 15.00
Pulv. radicis glycyrrhizæ 25.00
Aquæ communis quant suffic.
fiat bolus.
Sig:—Give at once.

Dog—High Temperature—Enteritis.

℞

Phenacetini 3.00
Sacchari albi 2.00
Misce et fiat pulv. No. X.
Sig:—Give one powder every 12 hours.

Dog—Distemper.

℞

Phenacetini 3.00
Sacchari albi 3.00
Gummi arabicæ 2.00
Misce et fiat pulv. XVI.
Sig:—Give one powder every 12 hours.

Dog—Excessive Vomiting.

℞

Creosoti 0.50
Gummi arabicæ 5.00
Aquæ destillatæ 150.00
Misce et fiat solutio
Sig:—Give one tablespoonful every three hours.

Horse—Fetid Bronchitis.

℞

Creosoti 15.00
Pulv. radicis glycyrrhizæ 50.00
Pulv. radicis althaeæ et glycerini
quant. suffic fiat boli No. III.
Sig:—Give one every 24 hours.

Horse—Mange.

Creosoti 25.00
Spiritus 500.00
Misce et fiat solutio
Sig:—Apply to diseased surface.

Dog—Demodex Mange.

℞

Creosoti 10.00
Spiritus 50.00
Chloroformi 20.00
Misce et fiat solutio
Sig:—Use sufficient amount to saturate
area diseased.

Sheep—Stomach Worms.

℞

Creosoti 10.00
Olei seminis gossyppi 200.00
Olei terebinthinæ 10.00
Misce et fiat emulsio.
Sig:—Give tablespoonful every two hours.

Dog—Mange.

℞

Creosoti 10.00
Olei seminis gossyppi 100.00
Spiritus 150.00
Misce et fiat emulsio.
Sig:—Apply to diseased surface.

Chickens—Diptheria.

℞

Creolini 2.00
Glycerini
Aquæ destillatæ .....aa 50.00
Misce et fiat solutio.
Sig:—Apply with a small brush to the mucous membrane.

Wound—Strew Powder.

℞

Napthalini 5.00
Acidi borici 25.00
Misce et fiat pulv.
Sig:—Use as strew powder.

Dog—Mange.

℞

Napthalini 5.00
Petrolati 25.00
Misce et fiat unguentum.
Sig:—Apply once daily.

Dog.—Infectious Catarrh of Bowels.

℞

Napthalini 5.00
Sacchari albi 10.00
Misce et fiat pulv. No. XX
Sig:—Give one powder every 12 hours.

Antiseptic for Wounds.

℞

Creolini 10.00
Aquæ destillatæ 500.00
Misce et fiat emulsio.

Sig:—Apply to wound with syringe.

Dogs—Ottorhœa.

℞

Creolini 3.00
Spiritus 300.00
Misce et fiat solutio.

Sig:—Use on cotton swab. Follow after secretions are all removed with boric acid powder.

Dog—Mange.

℞

Creolini
Sapon viridi ..... aa 50.00
Spiritus 300.00
Misce et fiat solutio.

Sig:—Apply once daily.

Dog—Emetic.

℞

Apomorphinæ hydrochloras 0.004
Aquæ destillatæ 4.00
Misce et fiat solutio.

Sig:—Inject subcutaneously.

Horse—Catarrh of Bowels.

℞

Creolini 50.00
Ext. glycyrrhizæ 100.00
Pulv. radicis althaeæ et glycerini quant. suffic, fiat boli No. VI.

Sig:—Give one bolus daily.

Dog—Distemper.

℞

Creolini 0.25
Ext. glycyrrhizæ.
Ceræ flavæ .....aa 3.50
Misce et fiat massa e qua fiat pillulæ No. X.

Sig:—Give one pill every 6 hours.

Horse—Expectorant.

℞

Apomorphinæ hydrochloras 0.004
Aquæ destillatæ 10.00
Misce et fiat solutio.

Sig:—Inject subcutaneously.

Cat—Emetic.

℞

Apomorphinæ hydrochloras 0.001
Aquæ destillatæ 4.00
Misce et fiat solutio.

Sig:—Inject subcutaneously.

Cattle and Sheep—Licking Disease.

℞

Apomorphinæ hydrochloras 0.50
Aquæ destillatæ 30.00
Misce et fiat solutio.

Sig:—Inject 5 c. c. subcutaneously once daily for cattle and for sheep, 2-5 c. c.

Horse—Diarrhea.

℞

Opii pulv. 10.00
Pulv. radicis althaeæ 25.00
Aquæ communis quant. suffic. fiat bolus.

Sig:—Give at once.

Dog—Infectious Catarrh of Bowels.

℞

Opii pulv. 0.2
Hydrargyri chloridi mitis..... 0.1
Sacchari albi 0.5
Misce et fiat pulv.
Sig:—Give at one dose.

Horse—Colic.

℞

Morphinæ sulphatis 0.40
Aquæ destillatæ 10.00
Misce et fiat solutio.
Sig:—Give at once subcutaneously.

Dog—Bronchitis and Laryngitis.

℞

Morphinæ hydrochloras 0.10
Aquæ amygdalæ amaræ..... 10.00
Misce et fiat solutio.
Sig:—Give 10 drops three times daily.

Dog—Bronchitis and Cough.

℞

Codeinæ hydrochloras 0.30
Syrupi althaeæ 10.00
Aquæ destillatæ 150.00
Misce et fiat solutio.
Sig:—Give teaspoonful every 3 hours.

Dog—Distemper.

℞

Morphinæ hydrochloras 0.2
Apomorphinæ hydrochloras 0.05
Acidi hydrochlorici 1.00
Aquæ destillatæ 250.00
Misce et fiat solutio.
Sig:—Give teaspoonful every 4 hours.

Eye—Solution for Examination.

℞

Atropinæ sulphatis 0.05
Aquæ destillatæ 10.00
Misce et fiat solutio.

Use 15-20 drops in each eye.

Horse—Antidote for Morphine and Eserine Poisoning.

℞

Atropinæ sulphatis 0.20
Aquæ destillatæ 10.00
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Horse—Purgative.

℞

Physostigminæ sulphatis 0.06
Aquæ destillatæ 10.00
Misce et fiat solutio.

Sig:—Give at once as subcutaneous injection.

Horse—Purgative.

℞

Physostigminæ sulphatis 0.03
Pilocarpinæ sulphatis 0.20
Aquæ destillatæ 10.00
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Horse—Purgative.

℞

Barii chloridi 0.60
Aquæ destillatæ 10.00
Misce et fiat solutio.

Sig:—Give at once intravenously. Care should be taken to prevent it diffusing into the tissues around the vein when the needle is withdrawn.

Horse—Purgative.

℞

Barii chloridi 8.00
Gummi arabicæ 10.00
Aquæ destillatæ 10.00
Misce et fiat emulsio.

Sig:—Give at once with syringe via. mouth.

Myotic.

℞

Physostigminæ sulphatis 0.10
Aquæ destillatæ 10.00
Misce et fiat solutio.

Sig:—Use 10-15 drops in each eye every 4 hours.

Cattle—Chronic Indigestion.

℞

Nicotianæ tabaci foliæ
Sodii sulphatis
Sodii chloridi aa250.00
Misce et fiat pulv.

Sig:—Give tablespoonful on each feed.

Cattle—Purgative.

℞

Nicotianæ tabaci foliæ..... 50.00
Sodii sulphatis 350.00
Aquæ communis 500.00
Misce et fiat mist.

Sig:—Give at once as drench.

Eye—Local anæsthetic.

℞

Cocainæ hydrochloras 0.30
Acidi borici 1.00
Aquæ destillatæ 30.00
Misce et fiat solutio.

Sig:—Use few drops in eye every 2 hours.

Sheep—Dip for Ticks.

℞

Acidi carbolici crudi 1.5kg
Potassii carbonatis .....1. kg
Sapon viridi .....3 kg
Nicotianæ tabaci. foliæ .....15 kg
Aquæ communis .....500 L.
Misce et fiat decoct.

Sig:—Use as a dip.

Horse—Hearts Weakness—Pneumonia.

℞

Ext. Digitalis fld. 15.00
Potassii iodidi 4.00
Aquæ destillatæ 30.00
Misce et fiat solutio.

Sig:—Give at once.

Horse—Chest Plague—Pneumonia.

℞

Pulv. Digitalis foliæ..... 12.00
Vini rubri 300.00
Misce et fiat mist.

Sig:—Give at once.

Horse—Valvular Insufficiency.

℞

Pulv. Digitalis foliæ..... 10.00
Potassi iodidi 2.00
Aquæ communis 60.00

Sig:—Give in two doses 12 hours apart.

Dog—Ascites.

℞

Pilocarpinæ hydrochloras 0.10
Aquæ destillatæ 12.00
Misce et fiat solutio.

Sig:—Give 2 c. c. subcutaneously once daily.

Dog—Myocarditis.

℞

Pulv. Digitalis foliæ..... 1.20
Pulv. fructus juniperis 5.00
Aquæ quant. suffic, fiat massa e qua form. pillulæ No. XV.

Sig:—Give one pill daily.

Dog—Ascites.

℞

Infus. Digitalis foliæ 10.00
Liquor potassii acetatis 20.00
Olei juniperis 1.00
Misce et fiat solutio.

Sig:—Give 10 drops twice daily.

Dog—Valvular Insufficiency.

℞

Ext. Digitalis foliæ 1.00
Sacchari albi 5.00
Misce et fiat pulv. No. XVI.

Sig:—One powder daily.

Dog—Valvular Insufficiency.

℞

Ext. fld digitalis foliæ..... 0.50
Aquæ communis 30.00
Misce et fiat solutio.

Sig:—Give teaspoonful once daily. Small dogs give half quantity.

Horse—Hearts Weakness.

℞

Tincturæ stropanthus 10.00
Aquæ destillatæ 30.00
Misce et fiat solutio.

Sig:—Give at one dose.

Liniment.

℞

Tincturæ aconit. 60.00
Tincturæ opii 90.00
Chloroformi 30.00
Misce et fiat solutio.

Sig:—Apply as indicated to the part.

Pigs—Emetic.

℞

Pulv. radicis ipecacuanhæ..... 2.00
Pulv. radicis veratrini 1.00
Misce et fiat puly. No. II.

Sig:—Give one powder and repeat in one hour if necessary.

Horse—Muscular Rheumatism.

℞

Veratrinæ 0.50
Spiritus dil. 50.00
Misce et fiat solutio.

Sig:—Inject 5 c. c. every 12 hours into the affected tissue.

Cow—Milk Fever.

℞

Veratrinæ 0.20
Spiritus 10.00
Misce et fiat solutio.

Sig:—Give subcutaneously in 2 doses.

Cow—Constipation.

℞

Veratrinæ 0.3
Antimonii et potassii tartras 8.00
Aquæ communis 250.00
Misce et fiat solutio.

Sig:—Give at once.

Dog—Emetic.

℞

Pulv. radicis ipecacuanhæ 0.2
Antimonii et potassii tartras..... 0.1
Sacchari albi 1.0
Misce et fiat pulv. No. II.

Sig:—Give one powder. Repeat if necessary in 30 minutes.

Liniment.

℞

Tinct. aconit.
Tinct. cannabis indicæ.....aa120.00
Aetheris 45.00
Spiritus 150.00
Misce et fiat solutio.

Sig:—Apply to area with friction.

Horse—Expectorant.

℞

Pulv. radicis ipecacuanhæ
Ammonii chloridi ..... aa 40.00
Pulv. radicis glycyrrhizæ..... 90.00
Pulv. radicis gentianæ.....120.00
Misce et fiat pulv. No. X.

Sig:—Give one powder every 12 hours.

Horse—Intermittent Fever.

℞

Quininæ sulphatis 25.00
Pulv. radicis althaeæ.....100.00
Gummi arabicæ et aquæ, quant. suffic. fiat massa e qua form. boli No. IV.

Sig:—Give one bolus every 12 hours.

Dog—Catarrhal Pneumonia.

℞

Pulv. radicis ipecacuanhæ..... 3.00
Ammonii chloridi 2.00
Pulv. radicis glycyrrhizæ..... 1.5
Misce et fiat pulv. No. XVI.

Sig:—Give one powder every 12 hours.

Horse—Diarrhœa.

℞

Pulv. cinchonæ corticis..... 50.00
Pulv. radicis althaeæ..... 40.00
Aquæ communis quant suffic. fiat elec.

Sig:—Give in 2 doses 24 hours apart.

Dog—Chronic Catarrh of Stomach.

℞

Decoct. cinchonæ corticis.....100.00
Acidi hydrochlorici 2.00
Misce et fiat solutio.

Sig:—Give teaspoonful every 6 hours.

Cat—Catarrh of Bowels.

℞

Tincturæ cinchonæ
Tincturæ rhei aromaticus .... aa 25.00
Misce et fiat solutio.

Sig:—Give 10 drops three times daily.

Horse—Influenza.

℞

Quininæ sulphatis 50.00
Tincturæ ferri chloridi..... 40.00
Pulv. radicis althaeæ..... 60.00
Glycerini quant. suffic. fiat elect.

Sig:—Divide into 6 parts and give one daily.

Dog—Leukæmia.

℞

Quininæ sulphatis 5.00
Acidi arsenosi 0.05
Gummi arabicæ et sacchari quant. suffic. fiat massa, e qua form. pillulæ No. XX.

Sig:—Give two pills daily.

Dog—Rheumatism.

℞

Sodii salicylati 10.04
Aquæ communis 250.00
Misce et fiat solutio.

Sig:—Give teaspoonful every 8 hours.

Horse—Rheumatism.

℞

Sodii salicylati 15.00
Pulv. radicis glycyrrhizæ..... 25.00
Misce et fiat pulv. No. 3.

Sig:—Give one powder daily.

Cattle—Rheumatism.

℞

Sodii salicylati 25.00
Divide in pulv. No. III.

Sig:—give one powder every 6 hours in pint water.

Horse—Pneumonia.

℞

Sodii salicylati 150.00
Pulv. cinchonæ corticis
Pulv. radicis glycyrrhizæ.....aa 25.00
Aquæ quant. suffic. fiat elect.

Sig:—Give in three doses, once daily.

Salicylic Acid Ointment.

℞

Acidi salicylati 5.00
Adepis suillæ 100.00
Misce et fiat unguentum.
Sig:—Use externally.

Preserving Solution.

℞

Acidi salicylati 5.00
Acidi borici 10.00
Misce et fiat pulv.
Sig:—Use for 1000 c. c. liquid.

Dog—Rheumatism.

℞

Saloli 2.00
Sacchari albi 2.00
Misce et fiat pulv. XV.
Sig:—Give one powder every 8 hours.

Dogs—Ottorhœa.

℞

Saloli 5.00
Spiritus 200.00
Misce et fiat solutio.
Sig:—Use as wash for external ear.

Mouth Wash—Antiseptic.

℞

Saloli 4.00
Spiritus 100.00
Olei menthæ piperitæ
Tinct. Vanill. ..... aa 1.00
Syrupi 50.00
Misce et fiat solutio.
Sig:—Use as a mouth wash.

Horse—Catarrh of Bladder.

℞

Saloli 50.00
Pulv. radicis glycyrrhizæ.....100.00
Aquæ quant. suffic. fiat. elect.

Sig:—Give in five doses, once daily.

Dog—Catarrh of Bladder.

℞

Saloli 3.00
Sacchari albi 2.00
Misce et fiat pulv. No. X.

Sig:—Give one powder every 12 hours.

Dog—Catarrh of Bowels.

℞

Saloli 2.00
Mentholi 0.50
Sacchari albi 2.50
Misce et fiat pulv. No. VI.

Sig:—Give one powder every 8 hours.

Dog—Fetid Bronchitis.

℞

Olei Terebinthinæ 10.00
Gummi arabicæ 20.00
Aquæ destillatæ 300.00
Misce et fiat emulsio.

Sig:—Give teaspoonful three times daily.

Sheep—Lung Worms.

℞

Olei terebinthinæ .....
Olei olivæ ..... aa 10.00
Misce et fiat emulsio.

Sig:—Give in two doses intratracheally 24 hours apart.

Cow—Chronic Indigestion.

℞

Olei terebinthinæ 50.00
Decoct. seminis lini 250.00
Misce et fiat mist.
Sig:—Give in 2 doses 24 hours apart.

Horse—Ascarides (Round worms.)

℞

Olei terebinthinæ 30.00
Olei lini 250.00
Misce et fiat emulsio.
Sig:—Give at once.

Dog—Catarrh of Bladder.

℞

Olei Terebinthinæ 0.25
Olei olivæ 5.00
Misce D. capsulæ gelatinæ No. X.
Sig:—Give one capsule daily.

Horse—Colic.

℞

Olei terebinthinæ 50.00
Spiritus camphoræ 60.00
Aetheris 40.00
Misce et fiat solutio.
Sig:—Give in doses 2 hours apart.

Horse—Gangrene of the Lungs.

℞

Picis liquidæ
Flores sulphuris ..... aa 50.00
Pulv. radicis glycyrrhizæ et aquæ communis quant. suffic. fiat boli No. VI.
Sig:—Give one bolus every 8 hours.

Chronic Eczema.

℞

Picis liquidæ 10.00
Sapon viridi 50.00
Spiritus 100.00
Misce et fiat emulsio.

Sig:—Apply every three days.

Tar Ointment.

℞

Picis liquidæ 5.00
Adepis suillæ 50.00
Misce et fiat unguentum.

Sig:—Apply locally externally for mange.

Horse—Canker.

℞

Picis liquidæ 75.00
Calcii sulphatis 150.00
Misce.

Sig:—Apply direct to canker.

Dog—Mange and Eczema.

℞

Balsami peruviani
Sapon viridi ..... aa 25.00
Spiritus 250.00
Misce et fiat emulsio.

Sig:—Apply once daily.

Stimulant for Wounds.

℞

Balsami peruviani 2.00
Unguenti parafini 20.00
Misce et fiat unguentum.

Sig:—Apply to wounds once daily.

Dog—Cystitis.

℞

Balsami peruviani 1.00
Sacchari albi 10.00
Misce D. capsulæ gelatinæ No. V.
Sig:—Give one capsule daily.

Horse—Cystitis.

℞

Balsami peruviani 150.00
Pulv. radicis althaeæ..... 75.00
Glycerini q. s. f.
Misce et fiat boli No. X.
Sig:—Give one daily.

Horse—Pneumonia.

℞

Olei sinapis nigri 10.00
Spiritus 100.00
Misce et fiat solutio.
Sig:—Apply to walls of thorax as counter-irritant.

Cow—Stomachic.

℞

Pulv. seminis fœniculi.....100.00
Pulv. seminis anisi 50.00
Pulv. radicis gentianæ 30.00
Sodii chloridi 200.00
Sodii sulphatis 150.00
Misce et fiat pulv.
Sig:—Give tablespoonful on each feed.

Horse—Cystitis.

℞

Olei eucalpyti 25.00
D. in capsulæ gelatinæ No. V.
Sig:—Give one capsule daily.

Horse—Stomachic.

℞

Pulv. seminis fœniculi 100.00
Pulv. rhizomæ calami 25.00
Sodii chloridi 250.00
Misce et fiat pulv.

Sig:—Give tablespoonful on each feed.

Dog—Cystitis.

℞

Olei eucalypti 1.30
D. in capsulæ gelatinæ No. X.

Sig:—Give one capsule daily.

Stomatitis.

℞

Tincturæ myrrhæ 16.00
Aquæ destillatæ 234.00
Misce et fiat emulsio.

Sig:—Use as mouth wash.

Dog—Carminative.

℞

Mentholi 0.1
Sacchari albi 1.0
Misce et fiat pulv.

Sig:—Give at once.

Horse—Liniment (restitution fluid.)

℞

Tincturæ capsici 60.00
Aquæ ammonii fortis
Spiritus camphoræ aa120.00
Sodii chloridi 100.00
Aquæ communis 500.00
Misce et fiat solutio.

Sig:—Use as a liniment.

Cow—Catarrh of Stomach.

℞

Pulv. seminis anisi
Pulv. seminis fœniculi ..... aa 50.00
Foliæ menthæ piperitæ 25.00
Sodii bicarbonatis 75.00
Misce et fiat pulv.

Sig:—Give tablespoonful on each feed.

Cow—Milk Powder.

℞

Stibii sulphurati nigri 200.00
Pulv. fructus fœniculi
Pulv. fructus anisi aa100.00
Misce et fiat pulv.

Sig:—Give tablespoonful on each feed.

Canary Bird—Lice.

℞

Olei anisi 10.00
Spiritus 60.00
Misce et fiat solutio.

Sig:—Use few drops once daily to parts.

Dog—Enteritis.

℞

Olei anisi 2.00
Spiritus 20.00
Misce et fiat solutio.

Sig:—Give 10 drops every three hours in teaspoonful of water.

Horse—Flatulent Colic.

℞

Asafœtidæ 90.00
Pulv. radicis althaeæ et aquæ quan. suffic fiat massa. e qua form. boli No. III.

Sig:—Give one every 6 hours.

Horse—Dropsical Condition.

℞

Pulv. fructus juniperis com. 100.00
Sodii chloridi 250.00
Sodii sulphatis 50.00
Misce et fiat pulv.
Sig:—Give tablespoonful 3 times daily.

Cow—Bronchial Catarrh.

℞

Pulv. fructus juniperis com. 250.00
Sodii sulphatis 500.00
Ammonii chloridi 50.00
Misce et fiat pulv.
Sig:—Give tablespoonful on each feed.

Dog—Catarrh of Bladder.

℞

Olei juniperis 10.00
Spiritus 20.00
Misce et fiat solutio.
Sig:—Give 10 drops every three hours.

Dog—Ascites.

℞

Ext. juniperis
Liquor potassii acetatis ..... aa 25.00
Infus. foliæ digitalis 10.00
Syrupi auranti 90.00
Misce et fiat solutio.
Sig:—Give teaspoonful every 12 hours.

Horse—Hearts weakness—Pneumonia

℞

Camphoræ tritæ 30.00
Aetheris 60.00
Misce et fiat solutio.
Sig:—Give 10 c. c. subcutaneously every 3 hrs.

Dog—Diuretic.

℞

Tincturæ asafœtidæ 10.00
Spiritus menthæ piperitæ 15.00
Syrupi sarsaparillæ compositus 60.00
Misce et fiat solutio.

Sig:—Give teaspoonful every three hours.

Cattle—Stomachic.

℞

Olei juniperis 40.00
Olei lini 250.00
Decoct. seminis lini 500.00
Misce et fiat emulsio.

Sig:—Give in 4 doses, once daily.

Horse—Septic Fever.

℞

Camphoræ tritæ 50.00
Pulv. radicis althaeæ 150.00
Aquæ communis quant. suffic. fiat
massa equa form. boli No. II.

Sig:—Give one bolus daily.

Camphor Ointment.

℞

Camphoræ tritæ 2.00
Spiritus 3.00
Petrolati 24.00
Misce et fiat unguentum.

Sig:—Apply externally.

Decubitus.

℞

Alcoholis 250.00
Acidi tannici 20.00
Misce et fiat solutio.

Sig:—Use twice daily enough to saturate the wound.

Epistaxis.

℞

Adrenalini chloridi 1-5000
in water

Sig:—Use as injection.

Favus—Dogs—Cats—Fowls.

℞

Flores sulphuris 20.00
Petrolati 60.00
Misce et fiat ungt.

Sig:—Apply once daily. The parts should be soaked in warm water to remove the crusts and dried thoroughly before applying ointment.

Dog—Rheumatism.

℞

Spiritus camphoræ 300.00
Aetheris 10.00
Misce et fiat solutio.

Sig:—Apply with friction to affected area.

Dog—Pyæmia.

℞

Camphoræ tritæ 3.00
Sacchari albi 2.00
Misce et fiat pulv. No. V.

Sig:—Give one powder every 3 hours.

Dog—Rheumatism.

℞

Camphoræ tritæ 30.00
Chloralis 30.00
Misce et fiat solutio.

Sig:—Apply sufficient amount to saturate surface. Rub in thoroughly.

Horse—Hearts Weakness—Pneumonia.

℞

Spiritus camphoræ 60.00

Sig:—Give 15 c. c. subcutaneously every 4 hrs.

Pigs—Thumps—Spasm of Diaphragm.

℞

Camphoræ tritæ 3.00
Sodii bromidi 1.00
Sacchari albi 1.00
Misce et fiat pulv. No. III.

Sig:—Give one powder and repeat in one hour if necessary.

Horse—Thumps—Spasm of Diaphragm.

℞

Camphoræ tritæ 20.00
Sodii bromidi 10.00
Pulv. radicis glycyrrhizæ et aquæ communis quant. suffic. fiat bolus.

Sig:—Give at once.

Horse—Digestive Weakness—Stomachic.

℞

Pulv. radicis gentianæ 50.00
Pulv. seminis fœniculi 100.00
Sodii chloridi 250.00
Misce et fiat pulv.

Sig:—Give tablespoonful on each feed.

Dog—Stomatitis—Mouth Wash for Small Animals.

℞

Thymoli 0.25
Acidi benzoici 3.00
Olei menthæ piperitæ 0.50
Spiritus 100.00
Misce et fiat solutio.

Sig:—Use teaspoonful to glass of water.

Dog—Worms.

℞

Thymoli 1.00
Sacchari albi 0.50
Misce et fiat pulv.
Sig:—Give at once.

Antiseptic Solution.

℞

Thymoli 0.50
Aquæ dest llatæ 500.00
Misce et fiat solutio.
Sig:—Use for wounds.

Horse—Catarrh of Stomach.

℞

Pulv. radicis gentianæ 50 00
Pulv. nucis vomicæ 25.00
Pulv. radicis glycyrrhizæ 150.00
Misce et fiat pulv.
Sig:—Give tablespoonful on each feed.

Horse—Tonic.

℞

Pulv. radicis gentianæ 30.00
Pulv. fructus juniperis 60.00
Ferri sulphatis 150.00
Pulv. radicis glycyrrhizæ 60.00
Misce et fiat pulv.
Sig:—Give tablespoonful on each feed.

Dog—Catarrh of Stomach.

℞

Tincturæ gentianæ 5.00
Acidi hydrochlorici dil. 10.00
Syrupi auranti 60.00
Misce et fiat solutio.
Sig:—Teaspoonful every 4 hours.

Cow—Indigestion.

℞

Tincturæ gentianæ 10.00
Acidi hydrochlorici dil. 20.00
Misce.

Sig:—Give in pint of water.

Horse—Rectal Worms (Oxyuris Curvula.)

℞

Quassi ligni 50.00
Aquæ destillatæ 1000.00
Misce et fiat decoct.

Sig:—Use as rectal injection.

Horse—Diarrhœa.

℞

Ext. calumbæ fld. 120.00
Ext. rhei fld. 45.00
Misce et fiat solutio.

Sig:—Two tablespoonfuls twice daily.

Horse—Stomachic—Catarrh of Stomach and Bowels.

℞

Pulv. radicis calumbæ 180.00
Pulv. radicis gentianæ 60.00
Sodii chloridi 90.00
Misce et fiat pulv.

Sig:—Tablespoonful three times daily on feed.

Horse—Constipation—Purgative.

℞

Aloe barbadensis 24.00
Hydrargyri chloridi mitis 8.00
Pulv. radicis zingiberis 10.00
Pulv. radicis glycyrrhizæ et glycerini quant. suffic. fiat bolus.

Sig:—Give at once.

Horse—Colic—Constipation.

℞

Olei lini 500.00
Ext. belladonnæ fld. 10.00
Misce et fiat mist.
Sig:—Give at once.

Cattle—Impaction of Rumen—Constipation.

℞

Olei ricini 500.00
Olei crotonis 0.50
Olei lini 250.00
Misce et fiat emulsio.
Sig:—Give at once as drench.

Dog—Constipation.

℞

Ext. Rhei fld. 20.00
Syrupi 30.00
Misce et fiat solutio.
Sig:—Give in two doses 8 hours apart.

Cow—Impaction.

℞

Olei crotonis 1.3
Olei lini 500.00
Misce et fiat emulsio.
Sig:—Give at once as drench.

Horse—Icterus.

℞

Resinæ podophyllini 15.00
Hydrargyri chloridi **mitis** 10.00
Pulv. radicis glycyrrhizæ et glycerini quant. suffic. fiat massa e qua form. boli No. III.
Sig:—Give one bolus every 12 hours.

Dog—Icterus.

℞

Resinæ podophyllini 0.1
Sacchari albi 0.5
Misce et fiat pulv. No. II.

Sig:—Give one powder and repeat in 24 hours.

Abortion—Infectious.

Antiseptic solutions of creolin: carbolic acid: lysol; should be used to wash out the vagina and external genitals. Disinfect the stable and everything that the discharge has come in contact with.

Abscess.

To abort abscesses, inject carbolic acid solution 2 p. c., about 10 cc around the abcess or paint with tincture of iodine.

Acne.

Abort by applying pure creolin or carbolic acid. Foment with a hot solution of boric acid in water ..... 20.00—500.00.

Horse—Diarrhœa.

℞

Acidi tannici 30.00
Decoct. seminis lini.....250.00
Misce et fiat emulsio.

Sig:—Give in two doses, 12 hrs apart.

Calf—Diarrhœa.

℞

Acidi tannici 5.00
Decoct. seminis lini.....250.00
Misce et fiat misturæ.

Sig:—Give at one dose.

Horse—External Wash and Stimulant.

℞

Ext. Hamamelis fld.....200.00
Olei carophyllis 5.00
Olei sassafras 10.00
Aquæ communis 4000.00
Misce et fiat solutio.

Sig:—Apply as indicated.

Horse—Bronchitis—Expectorant

℞

Pulv. radicis glycyrrhizæ 120.00
Ammonii chloridi 60.00
Pulv. fructus juniperis 30.00
Pulv. radicis althaeæ.....200.00
Misce et fiat pulv.

Sig:—Give tablespoonful on each feed.

Dog—Tape Worm.

℞

Olei-resinæ aspidii 0.5
D. in capsulæ gelatinæ No. II.

Sig:—Give one capsule and repeat in 12 hours with the other.

Horse Colic— Laminitis.

℞

Arecolinæ hydrobromici 0.08
Aquæ destillatæ 10.00
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Wounds—Strew Powder.

℞

Acidi tannici 30.00
Iodoformi 5.00
Misce et fiat pulv.

Sig:—Use as strew powder.

Dog—Worms.(Ascarides.)

℞

Santonini 0.5
Sacchari albi 0.5
Misce et fiat pulv. No. III.

Sig:—Give one powder every 12 hours and follow each dose with one half ounce of castor oil.

Horse—Worms. (Ascarides.)

℞

Santonini 3.00
Aloe barbadensis 20.00
Hydrargyri chloridi **mitis** **8.00**
Pulv. radicis althaeæ et glycerini quant. suffic. fiat, bolus.

Sig:—Give at once.

Dog—Ottorhœa.

℞

Acidi tannici 5.00
Spiritus 250.00
Misce et fiat solutio.

Sig:—Use as wash.

Dog—Eczema.

℞

Acidi tannici 5.00
Glycerini 50.00
Misce et fiat solutio.

Sig:—Apply once daily.

Dog—Stomatitis.

℞

Tincturæ catechu 10.00
Aquæ menthæ piperitæ 150.00
Misce et fiat solutio.

Sig:—Use as mouth wash.

Dogs & Cats—Fleas.

℞

Lycopodii 100.00
Flores pyrethri 60.00
Olei anisi 0.50
Misce et fiat pulv.

Sig:—Use as dusting powder.

Horse Diarrhœa.

℞

Pulv. catechu. 60.00
Pulv. radicis althaeæ..... 75.00
Aquæ communis et glycerini quant. suffic. fiat massa, e qua form. boli No. III.

Sig:—Give one daily.

Uterine injection—Astringent.

℞

Tincturæ catechu. 150.00
Aquæ destillatæ 1000.00
Misce et fiat solutio.

Sig:—Use at once. Inject into uterus.

Cow—Dystokia.

℞

Ext. Secale Cornuti fld., ... 30.00
Aquæ destillatæ 500.00
Misce et fiat solutio.

Sig:—Give at once as drench.

Cantharides Oil—Blister.

℞

Pulv. Cantharis 1.00
Olei olivæ 4.00
Misce. Heat on a water bath for 30 minutes and strain.

Sig:—Apply externally.

Dog—Chorea.

℞

Exalgini 1.68
Aquæ destillatæ 60.00

Sig:—Give teaspoonful once daily.

Septicæmia—Horse, Cow and Dog.

℞

Formalini 1.00
Aquæ destillatæ 2500.00
Misce et fiat solutio.

Sig:—Inject three and one-third c. c. to the pound of live weight of the animal.

Horse—Colic.

℞

Sodii hyposulphitis,
Olei terebinthinæ .....aa 45.00
Chloroformi 90.00
Ext. belladonnæ fld. 30.00
Spiritus frumenti 360.00

Sig:—Give one ounce every 30 minutes.

Dog—Ulceration of Stomach.

℞

Argenti nitratis 0.50
Argillæ 1.00
Misce et fiat pillulæ N. XX.

Sig:—Give two daily.

Dog—Diarrhoea.

℞

Argenti nitratis 0.40
Aquæ destillatæ 120.00
Glycerini 10.00
Misce et fiat solutio.

Sig:—Give teaspoonful every three hours.

Conjunctivitis.

℞

Argenti nitratis 0.40
Aquæ destillatæ 20.00
Misce et fiat solutio.
Sig:—Use twice daily as eye wash.

Laryngitis.

℞

Argenti nitratis. 0.50
Sacchari lactis 10.00
Misce et fiat pulv.
Sig:—Use as powder with powder blower.

Horse—Diarrhoea.

℞

Argenti nitratis 1.00
Argillæ 60.00
Aquæ destillatæ quant.
suffic fiat boli No. V.
Sig:—Give one every 12 hours.

Horse—Purpura Hemorrhagica.

℞

Protargoli 2.00
Aquæ destillatæ 100.00
Misce et fiat solutio.
Sig:—Give in two doses 12 hours apart.

Acute and Chronic Dermatitis

℞

Pink Ointment.

Zinci carbonatis 45.00
Acidi cabolici 6.00
Mentholi 2.0
Petrolati 100 00
Misce et fiat unguentum.
Sig:—Apply once daily.

Astringent and Antiseptic.

℞

Protargoli 3.60
Aquæ destillatæ 180.00
Misce et fiat solutio.

Sig:—Use as astringent.

Conjunctivitis.

℞

Zinci sulphatis 1.00
Aquæ destillatæ 100.00
Misce et fiat solutio.

Sig:—Apply twice daily.

Pigs—Emetic.

℞

Zinci sulphatis 1.00
Sacchari albi 5.00
Misce et fiat pulv.

Sig:—Give at once.

Dogs—Emetic.

℞

Zinci sulphatis 1.00
Aquæ destillatæ 100.00
Misce et fiat solutio.

Sig:—Give teaspoonful every 10 minutes until emetic action is obtained.

Horse—Dermatitis.

℞

Zinci oxidi 30.00
Acidi carbolici 4.00
Olei olivæ 120.00
Misce et fiat emulsio.

Sig:—Apply once daily.

Dog—Eczema.

℞

Zinci oxidi 30.00
Cretæ preparatæ 50.00
Misce et fiat pulv.
Sig:—Use as strew powder for wounds.

Dog—Emetic.

℞

Cupri sulphatis 1.00
Aquæ destillatæ 50.00
Misce e fiat solutio.
Sig:— Give teaspoonful every 15 minutes.

Pig—Emetic.

℞

Cupri sulphatis 1.00
Sacchari albi 5.00
Misce et fiat pulv.
Sig:—Give at once.

Sheep—Licking Disease.

℞

Ferri reducti 100.00
Sodii chloridi 1000.00
Pulv. fructus juniperis 500.00
Misce et fiat pulv.
Sig:—Place where sheep can lick it.

Horse—Bronchitis.

℞

Antimonii et potassii tartras 15.00
Ammonii chloridi 45.00
Pulv. radicis glycyrrhizæ.
Pulv. radicis althaeæ.
Pulv. fructus juniperis com ...aa 60.00
Misce et fiat pulv.
Sig:—Tablespoonful three times daily on feed.

Horse—Anæmia.

℞

Ferri reducti 20.00
Sodii chloridi 250.00
Pulv. fructus fœniculi 75.00
Misce et fiat pulv.
Sig:—Give tablespoonful on each feed.

Dog—Tape Worm.

℞

Cupri oxidi 0.05
Amylis 0.20
Misce et fiat pulv. No. III.
Sig:—Give one powder daily.

Wound—Antiseptic.

℞

Cupri sulphatis 12.00
Aquæ destillatæ 240.00
Misce et fiat solutio.
Sig:—Use on wounds.

Dog—Anæmia-Leukæmia.

℞

Ferri reducti 0.50
Sacchari albi 1.00
Misce et fiat pulv. No. XV.
Sig:—Give one powder daily.

Sheep—Licking Disease.

℞

Ferri sulphatis 100.00
Sodii chloridi 50.00
Sodii sulphatis 500.00
Pulv. fructus juniperis 250.00
Misce et fiat pulv.
Sig:—Place where sheep can lick it.

Horse—Canker.

℞

Cupri sulphatis
Ferri sulphatis aa100.00
Misce et fiat pulv.

Sig:—Use as strew powder.

Horse—Diarrhœa.

℞

Ferri sulphatis 15.00
Pulv. radicis althaeæ et
glycerini quant. suffic. fiat bolus.

Sig:—Give at once.

Horse—Cough.

℞

Cocainæ hydrochloras 2.00
Codeinæ 6.00
Aquæ amygdalæ amaræ.....360.00
Misce et fiat solutio.

Sig:—Give ounce dose twice daily.

Horse—Blister, Spavin, Ring-bones.

℞

Hydrargyri iodidi rubri..... 4.00
Pulv. cantharis 4.00
Petrolati 32.00
Misce et fiat unguentum.

Sig:—Apply every three days.

Dog—Distemper-Tonic.

℞

Ferri et quininæ citratis 4.00
Pepsini 1.00
Sacchari albi 2.00
Misce et fiat pulv. No. XX.

Sig:—Give a powder every 12 hours.

Horse—Bronchitis-Expectorant.

℞

Ammonii chloridi 45.00
Sodii chloridi 90.00
Pulv. radicis glycyrrhizæ 180.00
Misce et fiat pulv.

Sig:—Give tablespoonful three times daily.

Dog—Cough.

℞

Morphinæ sulphatis 0.10
Aquæ amygdalæ amaræ..... 60.00
Misce et fiat solutio.

Sig:—Give teaspoonful three times daily.

Horse—Leukæmia-Anæmia.

℞

Ferri sulphatis 25.00
Sodii chloridi 200.00
Pulv. anisi seminis 50.00
Misce et fiat pulv.

Sig:—Give tablespoonful on each feed.

Birds—Intestinal Antiseptic.

℞

Ferri sulphatis 5.00
Sodii bicarbonatis 20.00
Aquæ destillatæ 500.00
Misce et fiat solutio.

Sig:—Give small quantity in drinking water.

Sheep—Dip-Ticks-Mange.

℞

Acidi arsenosi 500.00
Aquæ communis ..... 100 L.
Aluminii sulphatis 6000.00
Misce et fiat solutio.

Sig:—Use for 100 sheep.

Dog—Distemper.

℞

Hydrargyri chloridi mitis 0.05
Sacchari albi 0.2
Misce et fiat pulv. No. III.
Sig:—Give a powder every 6 hours.

Dog—Distemper-Tonic.

℞

Ferri et quininæ citratis 5.00
Syrupi sarsaparillæ comp. 60.00
Misce et fiat solutio.
Sig:—Give teaspoonful every 6 hours.

Sheep—Dip-Ticks-Mange.

℞

Acidi arsenosi 1500.00
Ferri sulphatis 10,000.00
Aquæ communis 100 000.00
Misce et fiat solutio.
Sig:—Use for 100 sheep.

Sheep—Dip-Ticks-Mange.

℞

Acidi arsenosi 1000.00
Potassii carbonatis 1000.00
Aquæ communis 100,000.00
Misce et fiat solutio.
Sig:—Use for 100 sheep.

Dog—Anæmia-Chorea- Mange—Eczema.

℞

Liquor potassii arsenitis..... 10.00
Aquæ cinnamomi 90.00
Misce et fiat solutio.
Sig:—Give teaspoonful daily.

Horse—Anæmia-Tonic.

℞

Liquor potassii arsenitis 240.00

Sig:—Give tablespoonful twice daily.

Horse—Anæmia.

℞

Liquor potassii arsenitis 120.00
Tincturæ ferri chloridi 120.00
Misce et fiat solutio.

Sig:—Give tablespoonful twice daily.

Horse—Worms (round).

℞

Acidi arsenosi 1.00
Aloe barbadensis 24.00
Sapon viridi quant. suffic.
fiat boli No. II.

Sig:—Give one and repeat in 8 hours.

Horse—Bronchitis-Catarrh of Bowels.

℞

Sodii sulphatis 110.00
Sodii chloridi 90.00
Sodii bicarbonatis 45.00
Acidi arsenosi 1.00
Misce et fiat pulv.

Sig:—Give tablespoonful on each feed.

Carlsbad Salts.

℞

Sodii sulphatis 22.00
Potassii sulphatis 1.00
Sodii bicarbonatis 18.00
Sodii chloridi 9.00
Misce et fiat pulv.

Sig:—Give tablespoonful on each feed for horse. Dog 10 grains twice daily.

Dogs—Rachitis.

℞

Olei phosphorati 1.00
Olei morrhuæ 120.00
Misce

Sig:—Give teaspoonful three times daily.

Colts—Rachitis.

℞

Olei phosphorati 2.50
Olei olivæ 200.00
Misce.

Sig:—Give teaspoonful once daily.

Horse—Rachitis.

℞

Calcii phosphatis 150.00
D. pulv. No. X.

Sig:—Give a powder daily.

Colts—Rachitis.

℞

Calcii phosphatis
Calcii carbonatis .....aa 50.00
Potassii bicarbonatis 25.00
Pulv. seminis fœniculi 60.00
Misce et fiat pulv.

Sig:—Give tablespoonful twice daily.

Calves—Dysentery-Diarrhœa.

℞

Magnesii carbonatis
Magnesii oxidi .....aa 5.00
Opii pulv. 6.00
Misce et fiat pulv. No. III.

Sig:—Give one powder every 6 hours in pint of warm water.

Dog—Gastro-intestinal Catarrh.

℞

Magnesii carbonatis
Sacchari lactis .....aa 1.00
Misce et fiat pulv. No. V.

Sig:—Give a powder every 8 hours.

Dog—Rachitis.

℞

Syrupi calcii lacto-phosphatis ... 90.00

Sig:—Give teaspoonful twice daily.

Horse—Colic-Constipation.

℞

Magnesii sulphatis 500.00
Pulv. radicis glycyrrhizæ..... 50.00
Pulv. radicis althaeæ.....200.00
Aquæ com. quant. suffic. fiat elect.

Sig:—Give in two doses 12 hours apart.

Wounds—Antiseptic.

℞

Iodoformi 10.00
Aetheris 50.00
Misce et fiat solutio.

Sig:—Apply in form of spray.

Wounds—Antiseptic-Astringent.

℞

Iodoformi 4.00
Acidi tannici 16.00
Misce et fiat pulv.

Sig:—Apply to wound as strew powder.

Dog—Infectious Catarrh of Bowels.

℞

Phenacetini 0.5
Sacchari albi 1.00
Misce et fiat pulv. No. II.

Sig:—Give 12 hours apart.

Wounds—Antiseptic.

℞

Iodoformi 2.00
Acidi borici 20.00
Misce et fiat pulv.

Sig:—Apply to wounds as strew powder.

Wounds—Protective Covering.

℞

Iodoformi 2.00
Collodii elast 20.00
Misce et fiat solutio.

Sig:—Use enough to cover wound.

Dog—Otorrhoea.

℞

Thioformi 4.00
Creolini 2.00
Acidi borici 24.00
Misce et fiat pulv.

Sig:—Apply to ear after cleaning thoroughly with alcohol.

Cow—Actinomycosis.

℞

Potassi iodidi 60.00
Aquæ destillatæ 240.00
Misce et fiat solutio.

Sig:—Give one and one-half tablespoonfuls once daily in pint water.

Dog—Distemper.

℞

Phenacetini 2.00
Sacchari albi 2.00
Misce et fiat pulv. No. VI.

Sig:—Give a powder every 12 hours.

Horse—Chronic Bronchitis.

℞

Potassii iodidi 16.00
Ammonii chloridi 45.00
Pulv. radicis glycyrrhizæ.....120.00
Pulv. fructus juniperis 105.00
Sodii chloridi 180.00
Misce et fiat pulv.

Sig:—Give tablespoonful three times daily.

Parasites—External.

℞

Acidi carbolici 5.00
Spiritus 10.00
Sapon viridi 50.00
Misce et fiat emulsio.

Sig:—Use externally.

Antiseptic Solution—Wounds.

℞

Acidi carbolici..... 24.00
Aquæ communis 480.00
Misce et fiat solutio.

Sig:—Apply to wounds.

Wounds—Antiseptic Sol

℞

Creolini 12.50
Aquæ communis 500.00
Misce et fiat emulsio

Sig:—Apply to wound.

Dog—Otorrhœa.

℞

Creolini 10.00
Spiritus 60.00
Misce et fiat solutio.

Sig:—Apply to ear twice daily.

Horse—Influenza.

℞

Acetanilidi 100.00
Sodii chloridi 150.00
Sodii sulphatis 75.00
Sodii bicarbonatis 40.00
Pulv. fructus juniperis 180.00
Misce et fiat pulv.

Sig:—Give tablesponful three times daily.

Dog—Mange.

℞

Creolini
Spiritus aa100.00
Sapon viridi 80.00
Misce et fiat emulsio.

Sig:—Apply as indicated.

Sheep—Mange.

℞

Creolini 100.00
Spiritus 150.00
Sapon viridi 200.00
Misce et fiat emulsio.

Sig:—Use as indicated.

Wounds—Strew Powder-Antiseptic.

℞

Creolini 1.00
Acidi borici 50.00
Misce et fiat pulv.

Sig:—Apply direct to wounds.

Horse—Colic.

℞

Ext. cannabis indicæ fld. 60.00
Aquæ 60.00
Misce et fiat solutio.

Sig:—Give in 2 doses three hours apart.

Dog—Constipation-Impaction.

℞

Creolini 2.50
Ext. glycyrrhizæ 5.00
Ceræ flavæ ..... 2.50.
Misce et fiat pillulæ No. X.
Sig:—Give a pill every 6 hours.

Horse—Catarrh of Bowels.

℞

Creolini 50.00
Ext. glycyrrhizæ 100.00
Pulv. radicis althaeæ 25.00
Aquæ quant. suffic. fiat boli No. VI.
Sig:—Give one every 6 hours.

Horse—Colic.

℞

Ext. belladonnæ fld..... 45.00
Tincturæ nucis vomicae 15.00
Aquæ communis 240.00
Misce et fiat solutio.
Sig:—Give in three doses 1 hour apart.

Dog—Heart stimulant.

℞

Atropinæ sulphatis 0.10
Gummi arabicæ et sacchari et aquæ quant. suffic. fiat massa. equa form. pillulæ No. X.
Sig:—Give a pill daily.

Horse—Heart stimulant, Pneumonia.

℞

Atropinæ sulphatis ..... 0.10.
Aquæ destillatæ 10.00
Misce et fiat solutio.
Sig:—Give in 2 doses 8 hours apart.

Dog—Salivation.

℞

Atropinæ sulphatis 0.2
Ext. glycyrrhizæ et aquæ quant. suffic. fiat massa. è qua form pillulæ No. XX.
Sig:—Give 2 pills daily.

Horse—Colic.

℞

Ext. belladonnæ fld..... 75.00
Ext cannabis indicæ fld. 45.00
Aetheris 15.00
Misce et fiat solutio.
Sig:—Give one ounce every hour.

Dog—Ascites-Hydrothorax.

℞

Caffeinæ citratis
Sacchari albi .....aa 0.5
Misce ea fiat pulv. No. V.
Sig:—Give one powder daily.

Horse—Heart Weakness.

℞

Caffeinæ citratis 0.3
Aquæ destillatæ 8.0
Misce et fiat solutio.
Sig:—Give at once subcutaneously.

Cow—Catarrh of Bowels-Tonic.

℞

Pulv. seminis nucis vomicæ 90.00
Sodii bicarbonatis 75.00
Sodii sulphatis 120.00
Sodii chloridi 60.00
Pulv. seminis fœniculi 90.00
Misce et fiat pulv.
Sig:—Give tablespoonful on each feed.

Cow—Milk fever- Heart Stimulant.

℞

Caffeinæ citratis 0.30
Aquæ destillatæ 10.00
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Dog—Tonic.

℞

Tincturae nucis vomicæ 7.00
Tincturæ gentianæ 10.00
Aquæ communis 60.00
Misce et fiat solutio.

Sig:—Give teaspoonful twice daily.

Cat—Tonic.

℞

Tincturæ nucis vomicæ 1.00
Syrupi auranti 60 00
Misce et fiat solutio.

Sig:—Give teaspoonful once daily.

Horse—Spinal Paralysis.

℞

Strychninæ sulphatis 0.06
Aquæ destillatæ 5 00
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Cow—Milk fever-Stimulant.

℞

Strychninæ sulphatis 0.24
Aquæ destillatæ 16.00
Misce et fiat solutio.

Sig:—Give one-sixth every 4 hours subcutaneously.

Horse—Colic-Acute Indigestion.

℞

Physostigminæ sulphatis 0.06
Aquæ destillatæ 5.00
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Cow—Paralysis of Bowels-Constipation.

℞

Physostigminæ sulphatis 0.12
Strychninæ sulphatis 0.03
Aquæ destillatæ 8.00
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Myotic.

℞

Physostigminæ sulphatis 0.18
Aquæ destillatæ 15.00
Misce et fiat solutio.

Sig:—Drop few drops into eye every 15 minutes until contraction of the pupil occurs.

Horse—Tetanus.

℞

Ext cannabis indicæ fld. 60.00
Ext. radicis gelsemini fld. 180.00
Misce et fiat solutio.

Sig:—Give in three doses 12 hours apart.

Horse—Muscular Rheumatism.

℞

Sodii salicylati 75.00
Saloli 40.00
Pulv. radicis althaeæ et aquæ quant. suffic. fiat boli No. 6.

Sig:—Give one bolus every 12 hours.

Pig—Anaesthetic.

℞

Chloralis hydratis 15.00
Glycerini 30.00
Misce et fiat solutio.
Sig:—Give via rectum.

Pig—Lung Worms.

℞

Olei terebinthinae
Olei olivæ aa100.00
Misce et fiat emulsio.
Sig:—Give 5 c. c. to each pig intratracheally.

Horse—Thrush.

℞

Olei terebinthinæ 25.00
Picis liquidæ 250.00
Misce et fiat emulsio.
Sig:—Apply once daily.

Eczema.

℞

Olei picis liquidæ 10.00
Petrolati 50.00
Misce et fiat unguentum.
Sig:—Apply to affected part once daily.

Mange Bath.

℞

Acidi carbolici 1500.00
Sodii carbonatis 3000 00
Nicotianæ tabaci 10000.00
Sapon viridi 3000.00
Aquæ bulliens 500000.00
Misce et fiat infus.
Sig:—Use for dip.

Dog—Rheumatism.

℞

Sodii salicylati 10.00
Aquæ destillatæ 250.00
Misce et fiat solutio.
Sig:—Give teaspoonful every 6 hours.

Wounds—Excessive Granulation.

℞

Acidi salicylati 45.00
Acidi chromici 10.00
Misce et fiat pulv.
Sig:—Apply once daily until sufficient action is produced.

Cow—Constipation.

℞

Pulv. foliæ nicotianæ tabaci..... 50.00
Sodii sulphatis 500.00
Aquæ communis 1000.00
Misce et fiat mist.
Sig:—Give at once.

Mange Bath.

℞

Potassii hydroxidi 10000.00
Nicotianæ tabaci 12500.00
Aquæ bulliens 500.000.00
Misce et fiat infus.
Sig:—Use for dip.

Cow—Stomachic—Catarrh of Stomach.

℞

Pulv. foliæ nicotianæ tabaci.....100.00
Sodii sulphatis
Sodii chloridi aa250.00
Misce et fiat pulv.
Sig:—Give tablespoonful on each feed.

Cat—Diarrhœa.

℞

Tincturæ cinchonæ
Tincturæ rhei aromaticus .....aa 25.00
Misce et fiat solutio.
Sig:—Give 10 drops four times daily.

Anorexia.

Use stomachics, (see Tonics and Stomachics.)

Dog—Congestion of the Lungs.

℞

Tincturæ aconiti 0.40
Syrupi 30.00
Misce et fiat solutio.
Sig:—Give teaspoonful every hour.

Alopecia.

℞

Tincture of cantharides rubbed in the skin; soap liniment applied the same.
Alcoholis 240.00
Tincturæ iodi 120.00
Misce et fiat solutio.
Sig:— Apply once daily for alopecia areata.

Anemia.

℞

Fowlers solution of arsenic.

Hair Tonic.

℞

Quininæ sulphatis 15.00
Aquæ destillatæ 240.00
Olei sassafras
Olei carophyllis
Olei lavendulæ ..... aa 2.00
Spiritus dilutus 300.00
Misce et fiat solutio.
Sig:—Use as stimulant to hair follicles.

Horse—Congestion of the Lungs.

℞

Tincturæ aconiti 8.00
Aquæ 240.00
Misce et fiat solutio.

Sig:—Give three tablespoonfuls every 2 hours.

Horse—Influenza.

℞

Quininæ sulphatis 10.00
Pulv. radicis althaeæ et aquæ quant. suffic. fiat bolus.

Sig:—Give at once.

Horse—Pneumonia.

℞

Sodii salicylati 150.00
Pulv. corticis cinchonæ
Pulv. radicis glycyrrhizæ .....aa 25.00
Aquæ quant. suffic fiat boli No. IV.

Sig:—Give one every 24 hours.

Dog—Infectious Bowel Catarrh.

℞

Saloli 1.00
Quininæ sulphatis 0.50
Sacchari albi 0.50
Misce et fiat pulv. No. X.

Sig:—Give a powder every 6 hours.

Horse—Influenza.

℞

Saloli 25.00
Pulv. radicis glycyrrhizæ et aquæ quant. suffic. fiat bolus.

Sig:—Give at once. Repeat in 24 hours if necessary.

Cow—Rheumatism.

℞

Acidi salicylati 75.00
D. in pulv. No. IV.

Sig:—Give a powder in pint of water every 12 hours.

Dog—Rheumatism.

℞

Saloli 0.50
Sacchari albi 1.00
Misce et fiat pulv. No. V.

Sig:—Give one powder every 8 hours.

Cow—Chronic Indigestion.

℞

Olei terebinthinæ 50.00
Decoct. seminis lini 250.00
Misce et fiat emulsio.

Sig:—Give at once.

Cow—Foot and Mouth Disease.

℞

Digitalini 0.05
Spiritus dilutus 5.00
Aquæ 20.00
Misce et fiat solutio.

Sig:—Give at once, intravenously.

Horse—Chest Plague.

℞

Tincturæ stropanthi 20.00
Pulv. fructus juniperis 50.00
Pulv. radicis althaeæ..... 30.00
Aquæ quant. suffic fiat elect.

Sig:—Give in two doses 24 hours apart.

Dog—Bronchitis.

℞

Acidi benzoici 2.00
Sacchari 10.00
Misce et fiat pulv. No. X.
Sig:—Give a powder daily.

Horse—Chest Plague.

℞

Pulv. digitalis foliæ..... 10.00
Vini rubri 500.00
Misce et fiat mist.
Sig:—Give at once.

Dog—Valvular Insufficiency.

℞

Pulv. digitalis foliæ..... 0.10
Sacchari 1.00
Misce et fiat pulv. No. X.
Sig:—Give a powder daily.

Horse—Hearts Weakness.

℞

Pulv. digitalis foliæ..... 10.00
Pulv. fructus juniperis 100.00
Pulv. radicis althaeæ et aquæ communis quant. suffic fiat massa, e qua form. boli No. IV.
Sig:—Give a bolus daily.

Dogs—Uncinaria-Ascarides.

Wormseed oil 1.00
Turpentine 0.10
Anise oil 1.00
Castor oil 18.00
Olive oil 12.00
Mix.
Dose for puppies under 8 weeks ½ teaspoonful.

Dog—Ascites.

℞

Infusi bulbi scillæ..... 60.00
Succi juniperis 20.00
Misce et fiat mist.
Sig:—Give teaspoonful once daily.

Dog—Ascites.

℞

Agurini 5.00
Syrupi 10.00
Aquæ destillatæ 150.00
Sig:—Give teaspoonful every 4 hours. .

Dog—Mange-Demodex.

℞

Olei aspidii 50.00
Balsami peru. 75.00
Creolini 50.00
Spiritus 500.00
Misce et fiat solutio.
Sig:—Use as indicated.

Balanitis.

Wash with 2% lysol solution; 2% creolin emulsion in water.

Bots in Horses.

Carbon disulphide in capsules, give 10 c.c. in capsules for three doses. Follow with 500 c.c. linseed oil.

Broken Wind—Heaves.

Fowler's solution of arsenic.

Bruises.

Priessnitz poultice; antiphlogistine; camphor liniment.

Horse—Hearts Weakness.

℞

Caffeinæ 0.30
Aquæ destillatæ 10.00
Misce et fiat solutio.
Sig:—Give at once subcutaneously.

Horse—Heart's Weakness.

℞

Scopolamini hydrobromici 0.025
Aquæ destillatæ 10.00
Misce et fiat solutio.
Sig:—Give at once subcutaneously.

Dog—Tape Worms.

℞

Chloroformi 4.00
Olei ricini 50.00
Misce et fiat emulsio.
Sig:—Give in 2 doses 12 hours apart.

Eclampsia in Bitches.

℞

Chloroformi 4.00
Syrupi 40.00
Misce.
Sig:—Give teaspoonful every hour until symptoms are relieved.

Dog—Epilepsy.

℞

Sodii bromidi,
Potassii bromidi .....aa 5.00
Ammonii bromidi 2.50
Aquæ destillatæ 150.00
Misce et fiat solutio.
Sig:—Give teaspoonful every 6 hours.

Dog—Bronchitis.

℞

Apomorphinæ hydrochlor 0.05
Acidi hydrochlor 1.00
Aquæ destillatæ 250.00
Misce et fiat solutio.
Sig:—Give teaspoonful every 3 hours.

Dog—Emetic.

℞

Apomorphinæ hydrochlor 0.1
Aquæ destillatæ 20.0
Misce et fiat solutio.
Sig:—Give 2 c.c. subcutaneously.

Cow—Licking Disease.

℞

Apomorphinæ hydrochlor 0.50
Aquæ destillatæ 25.00
Misce et fiat solutio.
Sig:—Give 5 c.c. subcutaneously once daily.

Horse—Colic—Laminitis.

℞

Arecolinæ hydrobrom 0.08
Aquæ destillatæ 5.00
Misce et fiat solutio.
Sig:—Give at once subcutaneously.

Endo-metritis.

℞

Acidi carbolici
Spiritus .....aa 50.00
Aquæ 5000.00
Misce et fiat solutio.
Sig:—Use as injection into uterus.

Diphtheria in Birds.

℞

Acidi carbolici 5.00
Glycerini,
Aquæ destillatæ .....aa 100.00
Misce et fiat solutio.

Sig:—Paint over the membrane with small brush.

Dogs—Uncinaria-Ascarides.

℞

Santonin 0.300
Wormseed oil 1.500
Oil anise 1.00
Castor oil 22.00
Olive oil 8.00
Misce.

Dose—½ teaspoonful for puppies 8 weeks or over.

Vienna Tar Liniment.

℞

Picis liquidæ,
Flores sulphuris .....aa 100.00
Sapon viridi.
Spiritus ..... aa 200.00
Misce et fiat emulsio.

Sig:—Use as indicated.

Dog—Ascites.

℞

Infusi digitalis foliæ..... 60.00
Diuretini .....
Tincturæ stropanthi .....aa 5.00
Liquor. potassi acetatis .....
Succi juniperis .....aa 25.00
Misce et fiat mist.

Sig:—Give teaspoonful every 6 hours.

Mange—Dog.

℞

Acidi carbolici,
Spiritus ..... aa 5.00
Sapon viridi 50.00
Misce et fiat emulsio.
Sig:—Apply once dailv.

Carbolic Acid Ointment.

℞

Acidi carbolici 2.00
Petrolati 20.00
Misce et fiat unguentum.
Sig:—Apply externally as indicated.

Dog—Chronic Eczema.

℞

Picis liquidæ.
Sapon viridi .....aa 50.00
Spiritus 25.00
Misce et fiat emulsio.
Sig:—Use once daily.

Tar Ointment—Mange—Eczema.

℞

Picis liquidæ 5.00
Petrolati 50.00
Misce et fiat unguentum.
Sig:—Use once daily.

Sheep—Mange.

℞

Creolini,
Spiritus ..... aa 100.00
Sapon viridi 800.00
Misce et fiat emulsio.
Sig:—Use once daily.

Dog—Mange.

℞

Beta-naptholi 5.00
Petrolati 50.00
Misce et fiat unguentum.

Sig:—Apply once daily.

Dog—Chronic Eczema.

℞

Beta-naptholi 10.00
Spiritus 100.00
Misce.

Sig:—Apply once daily.

Dog—Mange—Eczema.

℞

Resorcini 12.00
Aquæ 240.00
Misce et fiat solutio.

Sig:—Apply once daily.

Dog—Mange—Eczema.

℞

Ichthyoli 10.00
Aetheris
Spiritus
Aquæ destillatæ .....aa 30.00
Misce et fiat solutio.

Sig:—Apply once daily.

Dog—Bronchitis-Distemper.

℞

Morphinæ hydrochloras 0.20
Apomorphinæ hydrochloras 0.05
Acidi hydrochlorici 1.00
Aquæ destillatæ 250.00
Misce et fiat solutio.

Sig:—Give teaspoonful every 4 hours.

Cow—Milk Fever.

℞

Caffeinæ salicylati 2.00
Aquæ destillatæ 20.00
Misce et fiat solutio.

Sig:—Give at once, subcutaneously.

Horse—Colic.

℞

Morphinæ sulphatis 0.40
Aquæ destillatæ 10.00
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Dog—Cough.

℞

Codeinæ phosphorici 0.30
Syrupi althaeæ 10.00
Aquæ destillatæ 150.00
Misce et fiat solutio.

Sig:—Give teaspoonful every 3 hours.

Local Anaesthesia and Astringent.

℞

Cocainæ hydrochloras 0.50
Adrenalin chloridi (1-1000 sol)... 10.00
Aquæ destillatæ 30.00
Misce et fiat solutio.

Sig:—Use as indicated.

Dog—Heart's Weakness.

℞

Spiritus dil. 10.00
Scopolam. hydrobrom. 0.02
M. ft. solutio.

Sig:—Give in 2 doses 12 hours apart, subcutaneously.

Eclampsia in Bitches.

℞

Morphinæ sulphatis 0.100
Aquæ destillatæ 10.00
Misce et fiat solutio.

Sig:—Give in 2 doses 4-6 hours apart.

Horse—Heart's Weakness.

℞

Atropinæ sulphatis 0.10
Aquæ destillatæ 10.00
Misce et fiat solutio.

Sig:—Give at once subcutaneously.

Burns.

Equal parts of lime water and linseed oil.

Dog—Anæsthetic.

℞

Morphinæ sulphatis 0.10
Atropinæ suphatis 0.006
Aquæ 1.25
Misce et fiat solutio.

Sig:—Give subcutaneously 20-30 minutes before operating. For small dogs give half the amount.

Horse—Oxyuris Curvula.

℞

Tincturæ ferri chloridi..... 60.00
Aquæ 1000.00
Misce.

Sig:—Inject into rectum.

Foot and Mouth Disease.

Wash parts with antiseptics. Disinfect stable thoroughly.

Absorbent.

℞

Potassii iodidi 8.00
Pulv. iodi 4.00
Camphoræ 16.00
Spiritus vini rect.....120.00
Misce et fiat solutio.

Sig:—Apply with friction to enlargement.

Horse—Vesicant (Blister.)

℞

Hydrargyri iodidi rubri..... 4.00
Ichthyoli 5.00
Petrolati 15.00
Misce et fiat unguentum.

Sig:—To be thoroughly rubbed in for 10 minutes.

Horse—Vesicant (Blister.)

℞

Hydrargyri chloridi cor..... 30.00
Spiritus
Glycerini ..... aa 60.00
Misce et fiat solutio.

Sig:—Apply once every 4 days for ring-bones, spavins, etc.

Horse—Anæmia—Tonic.

℞

Acidi arsenosi 3.00
Pulv. nucis vomicæ..... 12.00
Ferri sulphatis 120.00
Pulv. radicis zingiberis..... 60.00
Pulv. radicis gentianæ..... 90.00
Misce et fiat pulv.

Sig:—Tablespoonful twice daily in feed.

Dog—Eczema.

℞

Beta naptholi.
Ichthyoli ..... aa 10.00
Olei olivæ 200.00
Misce et fiat emulsio.

Sig:—Apply sufficient amount to saturate the surface diseased.

Horse—Dog—Ring Worm.

℞

Sulphuris iodidi 10.00
Petrolati 30.00
Misce et fiat unguentum.

Sig:—Apply once daily.

Cow—Mastitis.

℞

Camphoræ tritæ 10.00
Ext. belladonnæ fld..... 5.00
Petrolati 60.00
Misce et fiat unguentum.

Sig:—Apply by friction to the udder.

Horse—Ascarides (Round Worms.)

℞

Thymoli 10.00
Pulv. radicis althaeæ et aquæ com.
q. s. ft. bolus.

Sig:—Give at once.

Dog—Rheumatism.

℞

Camphoræ tritæ 5.00
Spiritus 75.00
Misce et fiat solutio.

Sig:—Apply once daily.

Dermatitis.

℞

Hydrargyri chloridi mitis.
Acidi tannici.
Zinci oxidi. .....aa 60.00
Olei adipis q. s. ft. ungt.
Sig:—Apply once daily.

Horse—Vesicant (Blister.)

℞

Olei tiglii 15.00
Olei lini 500.00
Olei terebinthinæ 120.00
Camphoræ tritæ 30.00
Misce et fiat emulsio.
Sig:—Apply once daily.

Ichthyol Ointment.

℞

Ichthyoli 5.00
Petrolati 50.00
Misce et fiat unguentum.
Sig:—Use as indicated.

Lugol's Solution.

℞

Iodi 5 00
Potassii iodidi 10.00
Aquæ destillatæ 100.00
Misce et fiat solutio.

Lugol's Ointment.

℞

Iodi 1.00
Potassii iodidi 2.50
Petrolati 25.00
Misce et fiat unguentum.

Müller's Fluid (Fixing Sol. for Tissues.)

℞

Potassii dichromici 25.00
Sodii sulphatis 10.00
Aquæ destillatæ 1000.00
Misce fiat solutio.

Horse—Bronchitis

℞

Creosoti 15.00
Pulv. radicus glycyrrhizæ..... 50.00
Pulv. radicis althaeæ, et aquæ com. q. s. f. massa, e qua form. pillulæ No. III.

Sig:—Give a pill daily.

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